

NOTICE OF DETERMINATION
of the Town of Duanesburg

Date of Determination Jan 10, 2022

Application of Valley Mobile Home Court, LLC under section
12.4 (32) of the (Village of Delanson/ Town of Duanesburg)
Zoning Ordinance.

Applicant Valley Mobile Home (Chris Longo) ^{Empire} Engineering
Address 2711 St Rt. 7 E
Calkins, NY 12043
Eric Dolan - owner

Phone _____ Zoning District C.2 SBL# 35.00-4-11.6

Description of (5@10,000 + 6@8,000)
Project: 11 storage units, gravel driveway, stormwater management system

Determination:

use is permitted however need subdivision as it is not an
necessary use

Reason supporting determination:

Town of Duanesburg zoning ordinance adopted 6/11/15 section
3.5.2; section 5.2.2

Action: Refer to Planning Board for the purpose of subdivision + special use

Code Enforcement Officer: Dale Warren

OFFICE OF THE SCHENECTADY COUNTY CLERK



620 STATE STREET
SCHENECTADY, NY 12305-2114
PHONE (518) 388-4220
FAX (518) 388-4224

Cara M. Ackerley
County Clerk

Instrument Number - 202162153
Recorded On 12/9/2021 At 2:44:47 PM

*RETURN DOCUMENT TO:
MURDOCK ABSTRACT CORPORATION

- * Instrument Type - DEED
- * Book/Page - DEED/2073/387
- * Total Pages - 3
- Invoice Number - 1108874 User ID: KAF
- * Document Number - 2021-5793
- * Grantor - VALLEY MOBILE HOME COURT LLC
- * Grantee - VALLEY MOBILE HOME COURT LLC

* FEES

| | |
|--------------------|----------|
| NY LAND SUR | \$4.75 |
| NY E & A FEES | \$116.00 |
| NY LAND COMP SUR | \$14.25 |
| CO GENERAL REVENUE | \$40.00 |
| CO LAND SUR | \$0.25 |
| CO E & A FEES | \$9.00 |
| CO LAND COMP SUR | \$0.75 |
| TOTAL PAID | \$185.00 |

TRANSFER TAX

Real Estate Transfer Tax Num - 1915
Transfer Tax Amount - \$ 0.00

I hereby CONFIRM that this document is
Recorded in the Schenectady County Clerk's Office
in Schenectady, New York

Cara M. Ackerley
Schenectady County Clerk

THIS IS AN ENDORSEMENT PAGE

Do Not Detach

THIS PAGE IS NOW PART OF THIS LEGAL DOCUMENT

* - Information denoted by an asterisk may change during the verification process and may not be reflected on this page.

INSTRUMENT NUMBER - 202162153



WARRANTY DEED

THIS INDENTURE

Made the 15 day of November, 2021

Between **VALLEY MOBILE HOME COURT, L.L.C., a limited liability company with an office at 2711 State Route 7, Cobleskill, New York 12043**, party of the first part, and

VALLEY MOBILE HOME COURT, L.L.C., a limited liability company with an office at 2711 State Route 7, Cobleskill, New York 12043, party of the second part,

WITNESSETH that the party of the first part, in consideration of ~~-----~~ONE----- DOLLAR (\$1.00) lawful money of the United States, and other good and valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part it's heirs and assigns forever, all

ALL THAT TRACT OR PARCEL OF LAND situate in the Town of Duanesburg, County of Schenectady and State of New York, being Lot 2 on a map entitled "Pine Grove Dairy" prepared by Gerald R. Gray, Licensed Land Surveyor, dated August 30, 2021, revised October 6, 2021, and filed in the Schenectady County Clerk's Office on October 21, 2021 as Instrument Number: 202152803.

BEING A PORTION OF THE SAME PREMISES conveyed to Valley Mobile Home Court, L.L.C. by Warranty Deed from David C. Vincent and Ann M. Vincent, dated the 6th day of May, 2021, and recorded in the Schenectady County Clerk's Office, on the 13th day of May, 2021 in Book 2058 of Deeds at Page 665, Instrument No. 202121945.

This conveyance is made with the unanimous consent of the Members of the party of the first part herein and does not constitute all, or substantially all of the assets of the said party of the first part.

This conveyance is made subject to any and all covenants, conditions, restrictions and easements of record contained in the chain of title and affecting said premises.

Together with the appurtenances and all the estate and rights of the party of the first part in and to said premises,

To have and to hold the premises herein granted unto the party of the second part, it's heirs and assigns forever.

And said party of the first part covenants as follows:

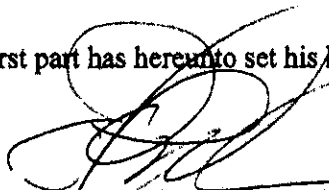
First, That the party of the second part shall quietly enjoy the said premises;

Second, That said party of the first part will forever Warrant the title to said premises.

Third, That in compliance with Section 13 of the Lien Law, the grantor will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

In Witness Whereof, the party of the first part has hereunto set his hand and seal the day and year first above written.

In Presence of




ERIC J. DOLEN, Managing Member
VALLEY MOBILE HOME COURT, L.L.C.

ACKNOWLEDGEMENT

STATE OF NEW YORK)
COUNTY OF SCHENECTADY)ss.:

On the 16th day of November, in the year 2021 before me, the undersigned, personally appeared **ERIC J. DOLEN**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.



NOTARY PUBLIC

Record and Return to:

Shalini Natesan
Notary Public, State of New York
No. 02NA6313940
Qualified in Albany County
Commission Expires 10-27-2022

Short Environmental Assessment Form

Part 1 - Project Information

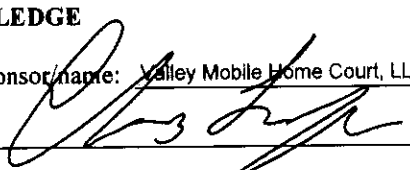
Instructions for Completing

Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

| Part 1 – Project and Sponsor Information | | | | |
|--|--|--|--------------------------------|--|
| Name of Action or Project: Pine Grove Dairy - Self-Storage | | | | |
| Project Location (describe, and attach a location map): 6204 Duanesburg Road, Town of Duanesburg | | | | |
| Brief Description of Proposed Action: The proposed action is the construction of eleven (11) self-storage unit structures with associated driveway, gravel area and stormwater management system. | | | | |
| Name of Applicant or Sponsor: Valley Mobile Home Court, LLC | | Telephone: 518-234-8614 E-Mail: superiorhousing@gmail.com | | |
| Address: 2711 State Route 7 | | | | |
| City/PO: Cobleskill, | | State: NY | Zip Code: 12043 | |
| 1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2. | | | NO <input type="checkbox"/> | YES <input checked="" type="checkbox"/> |
| 2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval: NYSDEC - Stormwater General Permit | | | NO <input type="checkbox"/> | YES <input checked="" type="checkbox"/> |
| 3. a. Total acreage of the site of the proposed action? | | 103.76 acres | | |
| b. Total acreage to be physically disturbed? | | 29.4 acres | | |
| c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? | | 106.2 acres | | |
| 4. Check all land uses that occur on, are adjoining or near the proposed action: | | | | |
| <input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential (suburban) <input checked="" type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other(Specify): <input type="checkbox"/> Parkland | | | | |

| | | NO | YES | N/A |
|--|--|-------------------------------------|-------------------------------------|--------------------------|
| 5. Is the proposed action, | a. A permitted use under the zoning regulations? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | b. Consistent with the adopted comprehensive plan? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the proposed action consistent with the predominant character of the existing built or natural landscape? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____ | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 8. a. Will the proposed action result in a substantial increase in traffic above present levels? b. Are public transportation services available at or near the site of the proposed action? c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies: _____ _____ | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____ _____ | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____ _____ | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 12. a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? *See attached Phase 1A/1B Cultural Resource Survey | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency? b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody? If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____ _____ _____ | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |

| | | |
|---|-------------------------------------|-------------------------------------|
| 14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply: <input type="checkbox"/> Shoreline <input type="checkbox"/> Forest <input checked="" type="checkbox"/> Agricultural/grasslands <input type="checkbox"/> Early mid-successional <input type="checkbox"/> Wetland <input type="checkbox"/> Urban <input type="checkbox"/> Suburban | | |
| 15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered? <small>*Rare Animal - Long Eared Bat - no impact expected due to minimal tree clearing and clearing activities to be within the required seasonal time frame</small> | NO | YES |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 16. Is the project site located in the 100-year flood plan? | NO | YES |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 17. Will the proposed action create storm water discharge, either from point or non-point sources? If Yes, a. Will storm water discharges flow to adjacent properties? b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe: | NO | YES |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <hr/> <hr/> | | |
| 18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)? If Yes, explain the purpose and size of the impoundment: Stormwater Retention Ponds | NO | YES |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> | | |
| 19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? If Yes, describe: | NO | YES |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <hr/> | | |
| 20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste? If Yes, describe: | NO | YES |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <hr/> | | |
| I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE | | |
| Applicant/sponsor/name: <u>Valley Mobile Home Court, LLC</u> Date: <u>1/6/22</u> | | |
| Signature: <u></u> Title: <u>Engineer for Applicant</u> | | |

**Phase IA/IB Cultural Resources Survey
Pine Grove Dairy Development Project,
Town of Duanesburg, Schenectady County New York**

prepared for

**Empire Engineering, PLLC
1900 Duanesburg Road
Duanesburg, NY 12056**

prepared by

David Moyer and Douglas Idleman

**Birchwood Archaeological Services, Inc.
131 Marion Avenue
Gilbertsville, NY 13776
www.birchwoodarchaeology.com**

June 2021

Management Summary

Phase IA/IB Cultural Resources Survey, Pine Grove Dairy Development Project,
Town of Duanesburg, Schenectady County New York

SHPO Project Review Number:

Involved State and Federal Agencies: DEC

Phase of Survey: IA/IB

Location Information

Location: north side of NYS Route 7
Minor Civil Division: Town of Duanesburg
County: Schenectady

Survey Area (Metric & English)

Length: 1,450 ft approx (441.9 m)
Width: 1,000 ft approx (304.8 m)
Depth: >5 ft (1.5 m)
Number of Acres Surveyed: 20.25
Number of Square Meters & Feet Excavated:
Percentage of the Site Excavated:

USGS 7.5 Minute Quadrangle Map: Duanesburg

Archaeological Survey Overview

Number & Interval of Shovel Tests: 401 STPs (40 cm round) in 15 m (49.2 ft) intervals

Number & Size of Units:
Width of Plowed Strips:
Surface Survey Transect Interval:

Results of Archaeological Survey

Number & name of prehistoric sites identified: 0
Number & name of historic sites identified: 0
Number & name of sites recommended for Phase II/Avoidance: 0

Results of Architectural Survey

Number of buildings/structures/cemeteries within project area: 0
Number of buildings/structures/cemeteries adjacent to project area: 3
Number of previously determined NR listed or eligible buildings/structures/cemeteries/districts: 0
Number of identified eligible buildings/structures/cemeteries/districts: 0

Report Author(s): David Moyer and Douglas Idleman

Date of Report: June 2021

Executive Summary

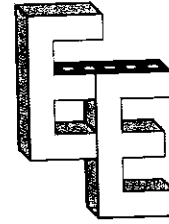
A Phase IA/IB cultural resources survey has been completed for the proposed Pine Grove Dairy Development Project, located on the north side of NYS Route 7 in the Town of Duanesburg, Schenectady County, New York (Figures 1 and 2; Photos 1-49). The current Phase IA/IB survey was conducted in advance of a currently undetermined development project. The Area of Potential Effect (APE) for this project is approximately 20.25 acres. While the design of the project has not been completed, it is assumed that the depth of the ground disturbance may exceed five feet (1.5 m) in all areas of proposed construction.

A Phase IA review indicated that the project area is moderately sensitive for prehistoric resources, due to its location near several water sources and its proximity to two previously recorded prehistoric sites. The area is also considered highly sensitive for historic resources due to its location near a historic roadway and its proximity to five previously identified historic structures, four of which are currently listed on the National Register of Historic Places.

All of the proposed APE was surveyed using the subsurface testing. A total of 401 STPs were excavated at 15 m (49.2 ft) intervals to form a grid over the entire area of proposed construction. Of these 401 STPs, four (1.0%) recovered historic or modern cultural material including fragments of porcelain bathroom tile, brick, clear bottle glass and asphalt. No precontact artifacts or features were encountered and no archaeological sites were identified as part of the subsurface testing.

Based upon the negative results of the Phase IA/IB survey, it appears that the proposed development will have no adverse impact to any historic properties in the vicinity. No additional archaeological investigations appear warranted and we, recommend that the project be allowed to proceed. These recommendations are subject to the review and concurrence of the New York State Office of Parks, Recreation, and Historic Preservation.

EMPIRE ENGINEERING, PLLC



January 6, 2022

Town of Duanesburg
Planning Board
5853 Western Turnpike
Duanesburg, NY 12056

Attn: Dale Warner, Planner

Project Narrative

The subject project identified as **Pine Grove Dairy Self-Storage** is located along **Duanesburg Road** in the Town of Duanesburg. The applicant is Valley Mobile Home Court, LLC of Cobleskill, the owner and occupant of the site. The owner's address is 2711 State Route 7, Cobleskill, NY 12043. The owner's contact is Eric Dolen, (518) 234-8614.

Project Description & Purpose

The proposed project is the construction of eleven (11) storage unit structures with associated storm water management system. The site includes approximately 14.4 Acres of buildings, driveway and gravel storage and 29.4 Acres of total disturbance. The project will also incorporate an associated driveway, power utilities and stormwater drainage area. There are (11) proposed buildings, five (5) units at 10,000 sf of gross floor area each, and six (6) units of 8,000 sf each. Units will be 1-story, approximately 12-15 ft total height. The proposed structures are intended for self-storage use and will not require any sanitary sewer or water supply fixtures. The subject property is zoned Manufacturing (C-2), and Light Industrial. The total parcel is approximately 103.76± Acres. There is an existing barn structure with attached accessory silos and a single-family dwelling on the remainder of the property outside of the proposed project site.

This business typically has 0-1 employees on-site only on occasion. Hours of operation are typically open 24 hours a day, 7 days a week to allow customers access as needed.

Neighborhood Character

The proposed project is not anticipated to have an impact on the adjoining properties any greater than the various existing uses and developments. This area of Town is interspersed with various commercial facilities located on parcels similar to this site and with similar proximity to adjoining residential uses. Access to the proposed facility will be directly off of NYS Route 7 in a highly visible location with no impact to residential neighborhoods. The owner also operates another self-storage facility within the Town of Duanesburg to the South along Route 20. This facility has been maintained well and occupancy has been essentially maxed out.

The new structures will not have any effect on the town communication, infrastructure or emergency systems due to its close proximity to the State Highway. This project will produce minimal noise, will be in keeping with the visual aesthetics, and will meet all Town codes regarding drainage and runoff. The proposed buildings are outside of the required side yard and front yard setback. The project is not anticipated to produce an increase in water usage, or an increase in solid waste generated at the site. There is no bulk storage of solvents or chemical proposed.

Stormwater

The project includes the commercial development involving ground disturbance of greater than one acre of land. A Full Stormwater Pollution Prevention Plan (SWPPP) which incorporates post-construction controls will be required and authorization obtained from NYSDEC for the proposed development project. The proposed stormwater design will meet all requirements outlined in the 2015 NYS Stormwater Design Manual and be in compliance with the NYS DEC General Permit 0-20-001.

There has been prior disturbance on the subject site authorized under a previously filed Notice of Intent for construction disturbance associated with a slope flattening operation. This activity incorporated Erosion and Sediment Control practices with no new permanent impervious areas.

Traffic

The subject use has a relatively low traffic intensity and the project is not anticipated to produce a significant increase in traffic along State Route 7. From the ITE Trip Generation Manual 10th Edition it is anticipated that the use will generate approximately 10 trips during the AM peak hour and 17 trips during the PM peak hour. The Average Annual Daily Traffic (AADT) for this section of NYS Route 7 was 4,670 in 2019. Based on the limited number of generated trips and the relative trips contributing to the existing AADT, additional traffic assessment or review is not warranted. The existing gravel driveway access for the site off of NYS Route 7 will be improved in accordance with NYSDOT standards and a permit for the improvements will be required.

Archeological

The Office of Parks, Recreation & Historic Preservation database was reviewed for potential Historic or Cultural significant data at or near the project site. The database revealed that the site is near an "archeologically sensitive bubble". The specific project area is outside of the bubble however due to the close proximity, a Phase 1A/1B Cultural Resource Survey was conducted. The study revealed no archeological significant finds within the project site. The executive summary of this report is attached to the Short Environmental Assessment Form.

Signage

A pole mounted sign is proposed to identify the facility to be located along the entrance at Route 7. The pole mounted sign will comply with Town code for setback, height, size and illumination.

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

| | | |
|---|--------------|---------------------------------|
| Name of Action or Project: Pine Grove Dairy - Self Storage | | |
| Project Location (describe, and attach a general location map): 6204 Duanesburg Road, Town of Duanesburg | | |
| Brief Description of Proposed Action (include purpose or need): The proposed action is the construction of self-storage unit structures and impervious gravel storage area with associated driveway and stormwater management system. The initial phase of the project includes the construction of ten (10) self-storage structures and 2.0 acres of outdoor storage. The total project includes approximately 18 acres of impervious with future phase developments yet to be determined. Future phases could incorporate a combination of self-storage buildings and outdoor storage. The project also includes a minor subdivision of the existing barn and single family dwelling from the proposed self-storage project. | | |
| Name of Applicant/Sponsor: Valley Mobile Home Court, LLC | | Telephone: 518-234-8614 |
| | | E-Mail: superiorhomes@gmail.com |
| Address: 2711 State Route 7 | | |
| City/PO: Cobleskill, | State: NY | Zip Code: 12043 |
| Project Contact (if not same as sponsor; give name and title/role): Christopher Longo, PE c/o Empire Engineering, PLLC | | Telephone: 518-858-4117 |
| | | E-Mail: clongo@empireeng.net |
| Address: 1900 Duanesburg Road | | |
| City/PO: Duanesburg | State: Ny | Zip Code: 12056 |
| Property Owner (if not same as sponsor): | | Telephone: |
| | | E-Mail: |
| Address: | | |
| City/PO: | State: | Zip Code: |

B. Government Approvals

| B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.) | | |
|---|--|---|
| Government Entity | If Yes: Identify Agency and Approval(s) Required | Application Date (Actual or projected) |
| a. City Counsel, Town Board, or Village Board of Trustees <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| b. City, Town or Village Planning Board or Commission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Town of Duaneburg; Planning Board - Special Use Permit | January 7, 2022 |
| c. City, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| d. Other local agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Schen. Cnty Dept. of Economic Dev. & Planning - Planning & Zoning Coordination Referral (239m) | |
| f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | NYSDEC Div of Water, Bureau of Water -SWPPP | |
| h. Federal agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| i. Coastal Resources. | | |
| i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| iii. Is the project site within a Coastal Erosion Hazard Area? | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

C. Planning and Zoning

| C.1. Planning and zoning actions. | |
|--|---|
| Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <ul style="list-style-type: none"> If Yes, complete sections C, F and G. If No, proceed to question C.2 and complete all remaining sections and questions in Part 1 | |
| C.2. Adopted land use plans. | |
| a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| If Yes, identify the plan(s): NYS Heritage Areas: Mohawk Valley Heritage Corridor | |
| _____ | |
| _____ | |
| c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| If Yes, identify the plan(s): | |
| _____ | |
| _____ | |
| _____ | |

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. Yes No
 If Yes, what is the zoning classification(s) including any applicable overlay district?
Manufacturing and Light Industrial (C-2)

b. Is the use permitted or allowed by a special or conditional use permit? Yes No

c. Is a zoning change requested as part of the proposed action? Yes No
 If Yes,
 i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? Duanesburg Central School District

b. What police or other public protection forces serve the project site?
New York State Police, Schenectady County Sheriff's

c. Which fire protection and emergency medical services serve the project site?
Duanesburg Volunteer Fire District 2

d. What parks serve the project site?
None

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Commercial - Self Storage Units

b. a. Total acreage of the site of the proposed action? _____ 103.6 acres
 b. Total acreage to be physically disturbed? _____ 30.7 acres
 c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ 106.2 acres

c. Is the proposed action an expansion of an existing project or use? Yes No
 i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? Yes No
 If Yes,
 i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
Commercial 2-Lot Subdivision
 ii. Is a cluster/conservation layout proposed? Yes No
 iii. Number of lots proposed? 2
 iv. Minimum and maximum proposed lot sizes? Minimum 11 Ac Maximum 93 Ac

e. Will the proposed action be constructed in multiple phases? Yes No
 i. If No, anticipated period of construction: _____ months
 ii. If Yes:
 • Total number of phases anticipated _____ 5
 • Anticipated commencement date of phase 1 (including demolition) _____ 5 month _____ 22 year
 • Anticipated completion date of final phase _____ 5 month _____ 28 year
 • Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____
Phases are sequenced to minimize impact of construction vehicles and to allow for stormwater control to be in place prior to start of subsequent phases.

f. Does the project include new residential uses? Yes No
 If Yes, show numbers of units proposed.

| | One Family | Two Family | Three Family | Multiple Family (four or more) |
|-----------------------------|------------|------------|--------------|--------------------------------|
| Initial Phase | _____ | _____ | _____ | _____ |
| At completion of all phases | _____ | _____ | _____ | _____ |

g. Does the proposed action include new non-residential construction (including expansions)? Yes No
 If Yes,

i. Total number of structures 10

ii. Dimensions (in feet) of largest proposed structure: 15 height; 50 width; and 200 length

iii. Approximate extent of building space to be heated or cooled: 0 square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? Yes No
 If Yes,

i. Purpose of the impoundment: Stormwater Management

ii. If a water impoundment, the principal source of the water: Ground water Surface water streams Other specify: On-site runoff from parking lots and buildings

iii. If other than water, identify the type of impounded/contained liquids and their source.
N/A

iv. Approximate size of the proposed impoundment. Volume: .4 million gallons; surface area: .6 acres

v. Dimensions of the proposed dam or impounding structure: N/A height; N/A length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):
N/A

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? Yes No
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
 If Yes:

i. What is the purpose of the excavation or dredging? _____

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): _____
- Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.

iv. Will there be onsite dewatering or processing of excavated materials? Yes No
 If yes, describe. _____

v. What is the total area to be dredged or excavated? _____ acres

vi. What is the maximum area to be worked at any one time? _____ acres

vii. What would be the maximum depth of excavation or dredging? _____ feet

viii. Will the excavation require blasting? Yes No

ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? Yes No
 If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will the proposed action cause or result in disturbance to bottom sediments? Yes No

If Yes, describe: _____

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? Yes No

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____
- _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

c. Will the proposed action use, or create a new demand for water? Yes No

If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? Yes No

If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No
- Do existing lines serve the project site? Yes No

iii. Will line extension within an existing district be necessary to supply the project? Yes No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- _____
- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? Yes No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? Yes No

If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

iii. Will the proposed action use any existing public wastewater treatment facilities? Yes No

If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No

• Do existing sewer lines serve the project site? Yes No
 • Will a line extension within an existing district be necessary to serve the project? Yes No
 If Yes:
 • Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? Yes No
 If Yes:
 • Applicant/sponsor for new district: _____
 • Date application submitted or anticipated: _____
 • What is the receiving water for the wastewater discharge? _____
 v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? Yes No
 If Yes:
 i. How much impervious surface will the project create in relation to total size of project parcel?
 _____ Square feet or _____ 18 acres (impervious surface)
 _____ Square feet or _____ 103.6 acres (parcel size)
 ii. Describe types of new point sources. Buildings, driveways and outdoor storage

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?
 Stormwater will be directed to on-site stormwater management ponds.

 • If to surface waters, identify receiving water bodies or wetlands: _____

• Will stormwater runoff flow to adjacent properties? Yes No
 iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? Yes No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? Yes No
 If Yes, identify:
 i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

 ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

 iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? Yes No
 If Yes:
 i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) Yes No
 ii. In addition to emissions as calculated in the application, the project will generate:
 • _____ Tons/year (short tons) of Carbon Dioxide (CO₂)
 • _____ Tons/year (short tons) of Nitrous Oxide (N₂O)
 • _____ Tons/year (short tons) of Perfluorocarbons (PFCs)
 • _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆)
 • _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs)
 • _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? Yes No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? Yes No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): _____

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? Yes No

If Yes:

i. When is the peak traffic expected (Check all that apply): Morning Evening Weekend
 Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? Yes No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: _____

vi. Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site? Yes No

vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? Yes No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____
15kWh

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):
via grid/ local utility

iii. Will the proposed action require a new, or an upgrade, to an existing substation? Yes No

l. Hours of operation. Answer all items which apply.

| | | | |
|-------------------------|-------------------------------|------------------------|--------------------|
| i. During Construction: | | ii. During Operations: | |
| • Monday - Friday: | _____ 6:00 am - 6:00 pm _____ | • Monday - Friday: | _____ 24 hrs _____ |
| • Saturday: | _____ 6:30 am - 4:00 pm _____ | • Saturday: | _____ 24 hrs _____ |
| • Sunday: | _____ | • Sunday: | _____ 24 hrs _____ |
| • Holidays: | _____ | • Holidays: | _____ 24 hrs _____ |

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? Yes No
 If yes:
 i. Provide details including sources, time of day and duration:

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes No
 Describe: _____

n. Will the proposed action have outdoor lighting? Yes No
 If yes:
 i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes No
 Describe: _____

o. Does the proposed action have the potential to produce odors for more than one hour per day? Yes No
 If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? Yes No
 If Yes:
 i. Product(s) to be stored _____
 ii. Volume(s) _____ per unit time _____ (e.g., month, year)
 iii. Generally, describe the proposed storage facilities:

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? Yes No
 If Yes:
 i. Describe proposed treatment(s):

ii. Will the proposed action use Integrated Pest Management Practices? Yes No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? Yes No
 If Yes:
 i. Describe any solid waste(s) to be generated during construction or operation of the facility:
 • Construction: _____ 6 tons per _____ month (unit of time)
 • Operation : _____ tons per _____ (unit of time)
 ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:
 • Construction: Separate recycling containers for solid waste disposal

 • Operation: _____

 iii. Proposed disposal methods/facilities for solid waste generated on-site:
 • Construction: Hired waste hauler

 • Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? Yes No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? Yes No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: _____

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

Urban Industrial Commercial Residential (suburban) Rural (non-farm)

Forest Agriculture Aquatic Other (specify): _____

ii. If mix of uses, generally describe: _____

b. Land uses and covertypes on the project site.

| Land use or Covertype | Current Acreage | Acreage After Project Completion | Change (Acres +/-) |
|--|-----------------|----------------------------------|--------------------|
| • Roads, buildings, and other paved or impervious surfaces | 1.8 | 19.8 | +18.0 |
| • Forested | 39.6 | 36.7 | -2.9 |
| • Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural) | 47.1 | 12.9 | -34.2 |
| • Agricultural (includes active orchards, field, greenhouse etc.) | 15.1 | 5.2 | -9.9 |
| • Surface water features (lakes, ponds, streams, rivers, etc.) | | | |
| • Wetlands (freshwater or tidal) | | | |
| • Non-vegetated (bare rock, earth or fill) | | | |
| • Other Describe: _____ | | | |

c. Is the project site presently used by members of the community for public recreation? Yes No
 i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? Yes No
 If Yes,
 i. Identify Facilities: _____

e. Does the project site contain an existing dam? Yes No
 If Yes:
 i. Dimensions of the dam and impoundment:
 • Dam height: _____ feet
 • Dam length: _____ feet
 • Surface area: _____ acres
 • Volume impounded: _____ gallons OR acre-feet
 ii. Dam's existing hazard classification: _____
 iii. Provide date and summarize results of last inspection: _____

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? Yes No
 If Yes:
 i. Has the facility been formally closed? Yes No
 • If yes, cite sources/documentation: _____
 ii. Describe the location of the project site relative to the boundaries of the solid waste management facility: _____
 iii. Describe any development constraints due to the prior solid waste activities: _____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? Yes No
 If Yes:
 i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred: _____

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? Yes No
 If Yes:
 i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: Yes No
 Yes – Spills Incidents database Provide DEC ID number(s): _____
 Yes – Environmental Site Remediation database Provide DEC ID number(s): _____
 Neither database
 ii. If site has been subject of RCRA corrective activities, describe control measures: _____
 iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No
 If yes, provide DEC ID number(s): _____
 iv. If yes to (i), (ii) or (iii) above, describe current status of site(s): _____

v. Is the project site subject to an institutional control limiting property uses? Yes No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? Yes No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? _____ > 20 feet

b. Are there bedrock outcroppings on the project site? Yes No
 If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %

c. Predominant soil type(s) present on project site:

| | |
|---------------------|--------|
| Burdett-Scriba, BvB | 33.8 % |
| Burdett-Scriba, BvC | 38.5 % |
| Nunda channery, NuD | 18.0 % |

d. What is the average depth to the water table on the project site? Average: _____ > 20 feet

e. Drainage status of project site soils: Well Drained: _____ % of site
 Moderately Well Drained: 13 % of site
 Poorly Drained: 87 % of site

f. Approximate proportion of proposed action site with slopes: 0-10%: 51 % of site
 10-15%: 36 % of site
 15% or greater: 13 % of site

g. Are there any unique geologic features on the project site? Yes No
 If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? Yes No

ii. Do any wetlands or other waterbodies adjoin the project site? Yes No
 If Yes to either i or ii, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? Yes No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name 863-686 Classification C
- Wetlands: Name Federal Waters, Federal Waters, Federal Waters,... Approximate Size _____
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? Yes No
 If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? Yes No

j. Is the project site in the 100-year Floodplain? Yes No

k. Is the project site in the 500-year Floodplain? Yes No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? Yes No
 If Yes:

i. Name of aquifer: Principal Aquifer

| | |
|---|--|
| <p>m. Identify the predominant wildlife species that occupy or use the project site: _____</p> <p>Cottontail Rabbit _____</p> <p>Whitetailed Deer _____</p> | |
| <p>n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Describe the habitat/community (composition, function, and basis for designation): _____</p> <p style="margin-left: 20px;">ii. Source(s) of description or evaluation: _____</p> <p style="margin-left: 20px;">iii. Extent of community/habitat:</p> <ul style="list-style-type: none"> • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres | |
| <p>o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Species and listing (endangered or threatened): _____</p> <p>Northern Long-eared Bat _____</p> | |
| <p>p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Species and listing: _____</p> | |
| <p>q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes, give a brief description of how the proposed action may affect that use: _____</p> | |
| <p>E.3. Designated Public Resources On or Near Project Site</p> | |
| <p>a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, provide county plus district name/number: SCHE001 _____</p> | |
| <p>b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="margin-left: 20px;">i. If Yes: acreage(s) on project site? _____</p> <p style="margin-left: 20px;">ii. Source(s) of soil rating(s): _____</p> | |
| <p>c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature</p> <p style="margin-left: 20px;">ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____</p> <p>_____</p> | |
| <p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. CEA name: _____</p> <p style="margin-left: 20px;">ii. Basis for designation: _____</p> <p style="margin-left: 20px;">iii. Designating agency and date: _____</p> | |

| | |
|--|--|
| e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: i. Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input checked="" type="checkbox"/> Historic Building or District ii. Name: <u>Christman Bird & Wildlife Sanctuary, Delanson Historic District, George W. Farmhouse</u> iii. Brief description of attributes on which listing is based: <u>Conservation Area, Architecture, Architecture/Engineering</u> | |
| f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| g. Have additional archaeological or historic site(s) or resources been identified on the project site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: i. Describe possible resource(s): _____ ii. Basis for identification: <u>Phase 1A/1B Cultural Resource Survey</u> | |
| h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: i. Identify resource: _____ ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____ iii. Distance between project and resource: _____ miles. | |
| i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: i. Identify the name of the river and its designation: _____ ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? <input type="checkbox"/> Yes <input type="checkbox"/> No | |

F. Additional Information


Attach any additional information which may be needed to clarify your project.

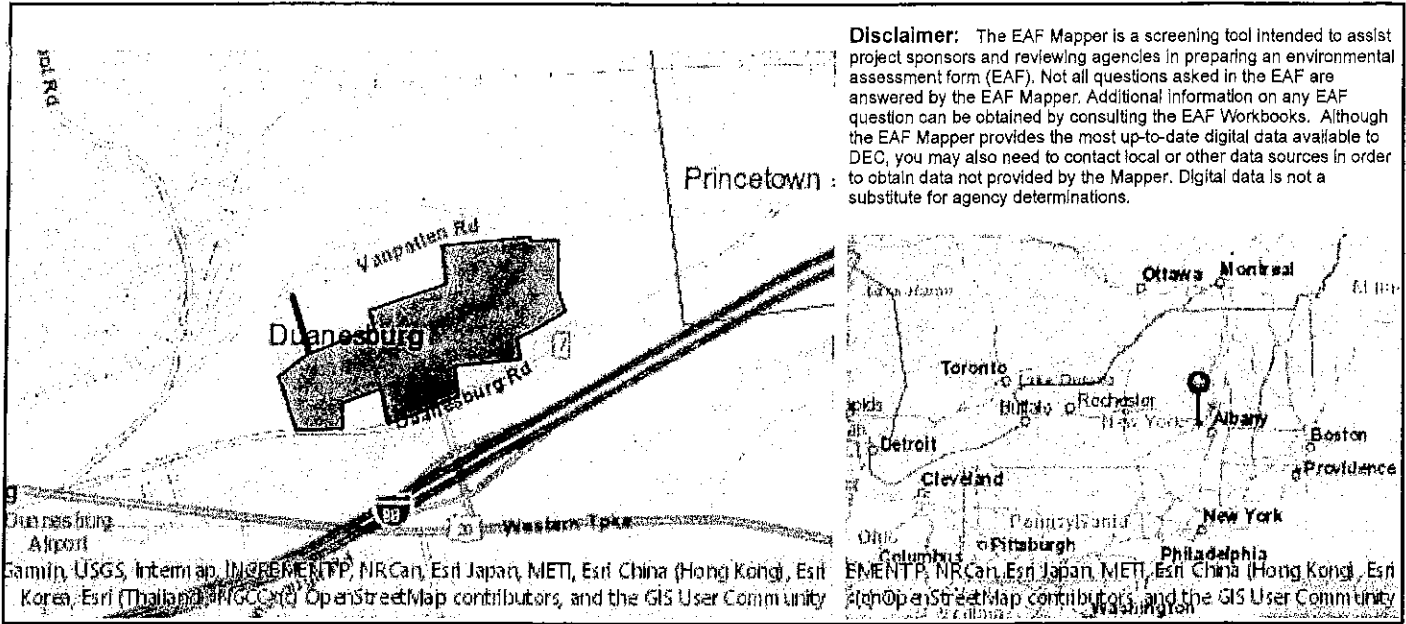
If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Eric Dolen c/o Valley Mobile Home Court, LLC Date 3/3/22

Signature  Christopher Longo Title Project Engineer



| | |
|--|---|
| B.1.i [Coastal or Waterfront Area] | No |
| B.1.ii [Local Waterfront Revitalization Area] | No |
| C.2.b. [Special Planning District] | Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook. |
| C.2.b. [Special Planning District - Name] | NYS Heritage Areas: Mohawk Valley Heritage Corridor |
| E.1.h [DEC Spills or Remediation Site - Potential Contamination History] | Digital mapping data are not available or are incomplete. Refer to EAF Workbook. |
| E.1.h.i [DEC Spills or Remediation Site - Listed] | Digital mapping data are not available or are incomplete. Refer to EAF Workbook. |
| E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database] | Digital mapping data are not available or are incomplete. Refer to EAF Workbook. |
| E.1.h.iii [Within 2,000' of DEC Remediation Site] | No |
| E.2.g [Unique Geologic Features] | No |
| E.2.h.i [Surface Water Features] | Yes |
| E.2.h.ii [Surface Water Features] | Yes |
| E.2.h.iii [Surface Water Features] | Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook. |
| E.2.h.iv [Surface Water Features - Lake/Pond Name] | 863-686 |
| E.2.h.iv [Surface Water Features - Lake/Pond Classification] | C |
| E.2.h.iv [Surface Water Features - Wetlands Name] | Federal Waters |
| E.2.h.v [Impaired Water Bodies] | No |
| E.2.i. [Floodway] | No |
| E.2.j. [100 Year Floodplain] | No |

| | |
|--|--|
| E.2.k. [500 Year Floodplain] | No |
| E.2.l. [Aquifers] | Yes |
| E.2.l. [Aquifer Names] | Principal Aquifer |
| E.2.n. [Natural Communities] | No |
| E.2.o. [Endangered or Threatened Species] | Yes |
| E.2.o. [Endangered or Threatened Species - Name] | Northern Long-eared Bat |
| E.2.p. [Rare Plants or Animals] | No |
| E.3.a. [Agricultural District] | Yes |
| E.3.a. [Agricultural District] | SCHE001 |
| E.3.c. [National Natural Landmark] | No |
| E.3.d [Critical Environmental Area] | No |
| E.3.e. [National or State Register of Historic Places or State Eligible Sites] | Digital mapping data are not available or are incomplete. Refer to EAF Workbook. |
| E.3.f. [Archeological Sites] | Yes |
| E.3.i. [Designated River Corridor] | No |

Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

Agency Use Only [If applicable]
 Project : Pine Grove Dairy
 Date : 3/4/22

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency and the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer "Yes" to a numbered question, please complete all the questions that follow in that section.
- If you answer "No" to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box "Moderate to large impact may occur."
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the "whole action".
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

| 1. Impact on Land | | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES |
|---|-----------------------------|-------------------------------------|---|
| Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1) <i>If "Yes", answer questions a - j. If "No", move on to Section 2.</i> | | | |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. The proposed action may involve construction on land where depth to water table is less than 3 feet. | E2d | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may involve construction on slopes of 15% or greater. | E2f | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface. | E2a | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material. | D2a | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may involve construction that continues for more than one year or in multiple phases. | D1e | <input type="checkbox"/> | <input type="checkbox"/> |
| f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides). | D2e, D2q | <input type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed action is, or may be, located within a Coastal Erosion hazard area. | B1i | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| h. Other impacts: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g)

NO

YES

If "Yes", answer questions a - c. If "No", move on to Section 3.

| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
|---|-----------------------------|-------------------------------|------------------------------------|
| a. Identify the specific land form(s) attached: _____ _____ | E2g | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____ | E3c | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h)

NO

YES

If "Yes", answer questions a - l. If "No", move on to Section 4.

| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
|--|-----------------------------|-------------------------------------|------------------------------------|
| a. The proposed action may create a new water body. | D2b, D1h | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water. | D2b | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body. | D2a | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body. | E2h | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments. | D2a, D2h | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water. | D2c | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s). | D2d | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies. | D2e | <input type="checkbox"/> | <input type="checkbox"/> |
| i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action. | E2h | <input type="checkbox"/> | <input type="checkbox"/> |
| j. The proposed action may involve the application of pesticides or herbicides in or around any water body. | D2q, E2h | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities. | D1a, D2d | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| | | |
|----------------------------------|--------------------------|--------------------------|
| I. Other impacts: _____ _____ | <input type="checkbox"/> | <input type="checkbox"/> |
|----------------------------------|--------------------------|--------------------------|

4. Impact on groundwater
 The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. NO YES
 (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t)
If "Yes", answer questions a - h. If "No", move on to Section 5.

| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
|--|-----------------------------|-------------------------------|------------------------------------|
| a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells. | D2c | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____ | D2c | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may allow or result in residential uses in areas without water and sewer services. | D1a, D2c | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may include or require wastewater discharged to groundwater. | D2d, E2l | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated. | D2c, E1f, E1g, E1h | <input type="checkbox"/> | <input type="checkbox"/> |
| f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer. | D2p, E2l | <input type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources. | E2h, D2q, E2l, D2c | <input type="checkbox"/> | <input type="checkbox"/> |
| h. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

5. Impact on Flooding
 The proposed action may result in development on lands subject to flooding. NO YES
 (See Part 1. E.2)
If "Yes", answer questions a - g. If "No", move on to Section 6.

| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
|--|-----------------------------|-------------------------------|------------------------------------|
| a. The proposed action may result in development in a designated floodway. | E2i | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may result in development within a 100 year floodplain. | E2j | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may result in development within a 500 year floodplain. | E2k | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may result in, or require, modification of existing drainage patterns. | D2b, D2e | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may change flood water flows that contribute to flooding. | D2b, E2i, E2j, E2k | <input type="checkbox"/> | <input type="checkbox"/> |
| f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade? | E1e | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | |
|----------------------------------|--|--------------------------|--------------------------|
| g. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |
|----------------------------------|--|--------------------------|--------------------------|

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|---|------------------------------------|--------------------------------------|---|
| 6. Impacts on Air The proposed action may include a state regulated air emission source. <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. D.2.f., D.2.h, D.2.g) <i>If "Yes", answer questions a - f. If "No", move on to Section 7.</i> | | | |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels: | | | |
| i. More than 1000 tons/year of carbon dioxide (CO ₂) | D2g | <input type="checkbox"/> | <input type="checkbox"/> |
| ii. More than 3.5 tons/year of nitrous oxide (N ₂ O) | D2g | <input type="checkbox"/> | <input type="checkbox"/> |
| iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) | D2g | <input type="checkbox"/> | <input type="checkbox"/> |
| iv. More than .045 tons/year of sulfur hexafluoride (SF ₆) | D2g | <input type="checkbox"/> | <input type="checkbox"/> |
| v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions | D2g | <input type="checkbox"/> | <input type="checkbox"/> |
| vi. 43 tons/year or more of methane | D2h | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants. | D2g | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour. | D2f, D2g | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above. | D2g | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour. | D2s | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

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|---|------------------------------------|--------------------------------------|---|
| 7. Impact on Plants and Animals The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <i>If "Yes", answer questions a - j. If "No", move on to Section 8.</i> | | | |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site. | E2o | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government. | E2o | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site. | E2p | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government. | E2p | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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|---|-----|-------------------------------------|--------------------------|
| e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect. | E3c | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____ | E2n | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site. | E2m | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____ | E1b | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides. | D2q | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| j. Other impacts: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | |
|--|------------------------------------|--------------------------------------|---|
| 8. Impact on Agricultural Resources | | | |
| The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) | | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES |
| <i>If "Yes", answer questions a - h. If "No", move on to Section 9.</i> | | | |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System. | E2c, E3b | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc). | E1a, E1b | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land. | E3b | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District. | E1b, E3a | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may disrupt or prevent installation of an agricultural land management system. | E1 a, E1b | <input type="checkbox"/> | <input type="checkbox"/> |
| f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland. | C2c, C3, D2c, D2d | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan. | C2c | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| h. Other impacts: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

9. Impact on Aesthetic Resources
 The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.)
If "Yes", answer questions a - g. If "No", go to Section 10.

NO YES

| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
|--|-----------------------------|--|--|
| a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource. | E3h | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views. | E3h, C2b | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round | E3h | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |
| d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities | E3h E2q, E1c | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |
| e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource. | E3h | <input type="checkbox"/> | <input type="checkbox"/> |
| f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile 1/2-3 mile 3-5 mile 5+ mile | D1a, E1a, D1f, D1g | <input type="checkbox"/> | <input type="checkbox"/> |
| g. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

10. Impact on Historic and Archeological Resources
 The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f, and g.)
If "Yes", answer questions a - e. If "No", go to Section 11.

NO YES

| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
|---|-----------------------------|-------------------------------------|------------------------------------|
| a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places. | E3e | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory. | E3f | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____ | E3g | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| | | | |
|--|----------------------------|--------------------------|--------------------------|
| d. Other impacts: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |
| e. If any of the above (a-d) are answered "Moderate to large impact may occur", continue with the following questions to help support conclusions in Part 3: | | | |
| i. The proposed action may result in the destruction or alteration of all or part of the site or property. | E3e, E3g, E3f | <input type="checkbox"/> | <input type="checkbox"/> |
| ii. The proposed action may result in the alteration of the property's setting or integrity. | E3e, E3f, E3g, E1a, E1b | <input type="checkbox"/> | <input type="checkbox"/> |
| iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting. | E3e, E3f, E3g, E3h, C2, C3 | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | |
|---|------------------------------------|--|---|
| 11. Impact on Open Space and Recreation | | | |
| The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1. C.2.c, E.1.c., E.2.q.) <i>If "Yes", answer questions a - e. If "No", go to Section 12.</i> | | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat. | D2e, E1b, E2h, E2m, E2o, E2n, E2p | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may result in the loss of a current or future recreational resource. | C2a, E1c, C2c, E2q | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may eliminate open space or recreational resource in an area with few such resources. | C2a, C2c, E1c, E2q | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may result in loss of an area now used informally by the community as an open space resource. | C2c, E1c | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Other impacts: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | |
|--|------------------------------------|--|---|
| 12. Impact on Critical Environmental Areas | | | |
| The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d) <i>If "Yes", answer questions a - c. If "No", go to Section 13.</i> | | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA. | E3d | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA. | E3d | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Other impacts: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

13. Impact on Transportation
 The proposed action may result in a change to existing transportation systems. NO YES
 (See Part 1. D.2.j)
 If "Yes", answer questions a - f. If "No", go to Section 14.

| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
|---|-----------------------------|-------------------------------|------------------------------------|
| a. Projected traffic increase may exceed capacity of existing road network. | D2j | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may result in the construction of paved parking area for 500 or more vehicles. | D2j | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action will degrade existing transit access. | D2j | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action will degrade existing pedestrian or bicycle accommodations. | D2j | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may alter the present pattern of movement of people or goods. | D2j | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Other impacts: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

14. Impact on Energy
 The proposed action may cause an increase in the use of any form of energy. NO YES
 (See Part 1. D.2.k)
 If "Yes", answer questions a - e. If "No", go to Section 15.

| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
|--|-----------------------------|-------------------------------------|------------------------------------|
| a. The proposed action will require a new, or an upgrade to an existing, substation. | D2k | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use. | D1f, D1q, D2k | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may utilize more than 2,500 MWhrs per year of electricity. | D2k | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed. | D1g | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e. Other Impacts: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

15. Impact on Noise, Odor, and Light
 The proposed action may result in an increase in noise, odors, or outdoor lighting. NO YES
 (See Part 1. D.2.m., n., and o.)
 If "Yes", answer questions a - f. If "No", go to Section 16.

| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
|--|-----------------------------|-------------------------------------|------------------------------------|
| a. The proposed action may produce sound above noise levels established by local regulation. | D2m | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home. | D2m, E1d | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may result in routine odors for more than one hour per day. | D2o | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| | | | |
|---|----------|--------------------------|--------------------------|
| d. The proposed action may result in light shining onto adjoining properties. | D2n | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions. | D2n, E1a | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.)

NO

YES

If "Yes", answer questions a - m. If "No", go to Section 17.

| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
|---|-----------------------------|-------------------------------|------------------------------------|
| a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community. | E1d | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The site of the proposed action is currently undergoing remediation. | E1g, E1h | <input type="checkbox"/> | <input type="checkbox"/> |
| c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action. | E1g, E1h | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction). | E1g, E1h | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health. | E1g, E1h | <input type="checkbox"/> | <input type="checkbox"/> |
| f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health. | D2t | <input type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed action involves construction or modification of a solid waste management facility. | D2q, E1f | <input type="checkbox"/> | <input type="checkbox"/> |
| h. The proposed action may result in the unearthing of solid or hazardous waste. | D2q, E1f | <input type="checkbox"/> | <input type="checkbox"/> |
| i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste. | D2r, D2s | <input type="checkbox"/> | <input type="checkbox"/> |
| j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste. | E1f, E1g E1h | <input type="checkbox"/> | <input type="checkbox"/> |
| k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures. | E1f, E1g | <input type="checkbox"/> | <input type="checkbox"/> |
| l. The proposed action may result in the release of contaminated leachate from the project site. | D2s, E1f, D2r | <input type="checkbox"/> | <input type="checkbox"/> |
| m. Other impacts: _____ _____ | | | |

17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans.
 (See Part 1. C.1, C.2. and C.3.)
 If "Yes", answer questions a - h. If "No", go to Section 18.

NO YES

| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
|--|-----------------------------------|-------------------------------------|------------------------------------|
| a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s). | C2, C3, D1a E1a, E1b | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%. | C2 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action is inconsistent with local land use plans or zoning regulations. | C2, C2, C3 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action is inconsistent with any County plans, or other regional land use plans. | C2, C2 | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure. | C3, D1c, D1d, D1f, D1d, E1b | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure. | C4, D2c, D2d D2j | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action) | C2a | <input type="checkbox"/> | <input type="checkbox"/> |
| h. Other: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

18. Consistency with Community Character

The proposed project is inconsistent with the existing community character.
 (See Part 1. C.2, C.3, D.2, E.3)
 If "Yes", answer questions a - g. If "No", proceed to Part 3.

NO YES

| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
|--|--------------------------------|-------------------------------------|------------------------------------|
| a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community. | E3e, E3f, E3g | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may create a demand for additional community services (e.g. schools, police and fire) | C4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing. | C2, C3, D1f D1g, E1a | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources. | C2, E3 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action is inconsistent with the predominant architectural scale and character. | C2, C3 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f. Proposed action is inconsistent with the character of the existing natural landscape. | C2, C3 E1a, E1b E2g, E2h | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| g. Other impacts: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |



Albany Office
100 Great Oaks Boulevard | Suite 114 | Albany, New York 12203
P: 518.382.1774



ORIGINAL

March 3, 2022



Dale Warner, Town Planner
Town of Duanesburg
5853 Western Turnpike
Duanesburg, NY 12056

Re: **Oak Hill 1 and 2 Solar Project Review**
Our Project No. 18510-01

Dear Mr. Warner:

On February 16, 2022, PRIME AE received a revised SWPPP and revised site plans from AMP that reflect recent changes to the stormwater management design for the project. Based on a review of the documents we provide the following comments:

SWPPP

1. Section 5.1 **Soils Classification** (p. 6) has been revised to state that "The use of lined bioretention areas was designed to treat water runoff from the impervious pad areas." This is a change that was discussed with NYSDEC so that the project would address the Runoff Reduction Volume (RRv) requirements of the NYS Stormwater Design Manual (SWDM).
2. Section 10.2.2 **Runoff Reduction Volume (RRv) Analysis** (p. 16) now states that "New development Projects that cannot achieve 100% runoff reduction for the RRv due to site limitations must direct runoff from newly constructed impervious areas to a SMP practice. For this Project, site impervious areas are being directed to modified lined bioretention areas via grass swales where the WQv and RRv requirements are being satisfied."
3. Section 10.3 **Post-Construction Stormwater Control Practices Utilized** (p. 17), has been modified to include Modified Lined Bioretention, which is further described in the section and shown on the revised site plans.
4. Section 10.4 **Stormwater Quantity Analysis** (p. 19) contains **Table 5 – Peak Discharge Rate (cfs) Comparison**. The table shows that the post-construction stormwater discharge rates from the three (3) design storms does not exceed the pre-construction discharge rates at any of the three (3) locations where surface waters already leave the property, based on the stormwater management practices being utilized for the project. The applicability of the proposed stormwater management practices will be discussed in the next section of this letter.

SWPPP Appendix J – Stormwater Management Report

1. Section 4.0 **Stormwater Management Planning and Practice Selection** (p. 3) has been updated to state: "Stormwater management on the site consists of swales to bioretention areas to treat runoff from the solar equipment pads. This practice is considered a standard SMP with RRv Capacity by the NYSDEC Stormwater Design Manual."
2. Section 5.1.1 **Water Quality (WQv)** (p. 4). The text of Scenario 2 of the April 6th 2018 NYSDEC memo for stormwater control on solar project sites is not provided in this section, however, in Section 6 of the document, Scenario 2 with subsequent notes, is stated as being used in the design.



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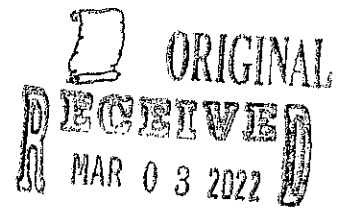
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3. Section 5.1.1 Water Quality (WQv) (p. 5) Level Spreaders have been added to the design to help promote the re-establishment of sheet flow in areas of the site where the slope exceeds 5%.
4. Section 5.1.2 Runoff Reduction Volume (RRv) (p. 7) Modified Bioretention Design has been added and states that "lined bioretention will be utilized to meet both the water quality and recharge volume requirements for each pad area." The pretreatment requirement has been met with the use of a grass filter strip sized per Table 6.2 in the SWDM, following a stone gravel diaphragm. One hundred percent of the flow from the new impervious surfaces will travel through the pretreatment practice for each area, which exceeds the minimum 25% of the computed WQv required.
5. A review of the Bioretention Filter area calculations on page 9 shows that a filter bed depth of three (3) feet was used, which falls within the acceptable range of 2.5 to 4 feet in the SWDM. The Bioretention Design Example in Section 8.5 of the SWDM shows the sizing of an overflow feature, so that the practice is not inundated and continues to function properly during the design storm events. This functionality appears to be missing from the design.
6. On page 13, the stream channel protection (Cpv) to provide 24-hour extended detention of the one-year, 24-hour storm event is said to be met by improving the site cover conditions and utilizing soil restoration in certain areas. The SWPPP needs to contain more information on the types and quantities of plants that will be tolerant and thrive in the existing soil conditions of the site to develop a 'meadow' condition that has been modeled in HydroCAD.
7. The overbank flood control (Qp) is said to be met on page 14 by providing a sufficient storage volume in the stormwater management areas to limit the post-development 10-year, 24-hour peak discharge rate to pre-development discharge rate. As the SWDM does not allow for Bioretention practices to be used for quantity controls, only to meet water quality, I contacted Chris Connelly of Verdanterra via email on 3/2/2022 to ask if this is what they are proposing. He advised that they will remove the words "with sufficient storage volume" from the paragraph to eliminate confusion, as they are proposing that the change from the pre-development site cover condition of 'crops/pasture' with a curve number of 80, to a post-development site cover condition of 'meadow' with a curve number of 78, provides the necessary quantity control. The lower curve number means that the HydroCAD model will show less volume leaving the site for the design storm event for post-development conditions, however, it has not been proven that this post-development condition will exist, so additional backup information is required to justify that the post development ground cover can be considered meadow lands. Additionally, the SWDM Table 7.4 Stormwater Management Capability Matrix shows what practices can meet quality and quantity requirements and provides examples of a quality practice followed by a quantity practice, such as "bioretention followed by a downstream ED pond" for channel protection (Cpv) and "bioretention followed by a downstream stormwater detention pond" for flood control (Qp and Qf).
8. The extreme storm event attenuation (Qf) is said to be met on page 15 by providing a sufficient storage volume in the stormwater management areas to limit the post-development 100-year, 24-hour peak discharge rate to pre-development discharge rate. Please see item 9 for the same response.

IFC Site Plans

1. Sheet C5.01 has various details for components of the proposed stormwater management systems, however, there is not a plan that shows how the contractor is to install these parts to make the complete stormwater management system function in each of the proposed bioretention areas on





- the site, at a reasonable scale. Grass swales, level spreaders, check dams, underdrain piping, rip-rap aprons, etc. are not labeled on the grading plans.
2. The Bioretention Detail on Sheet C5.01 does not show the berm that is called for on the grading plans.
 3. Sheet 5.01 contains a Rip-rap Apron at Pipe Outlets detail and associated size table for each location. The SWPPP also contains the same table, however, neither provide design calculations that can be verified. As each rip-rap apron is shown as the same size for the pipe outlet of each bioretention area, will the apron at the combined outlet from areas 1A and 1B twice as large?
 4. Sheet 5.02 Landscape Notes and Details contains tables for native grass seed mixes and native pollinator seed mixes. See SWPPP comment #8 above regarding plant suitability for the site.
 5. The NYS Stormwater Design Manual states "Landscaping is critical to the performance and function of bioretention areas. Therefore, a landscaping plan must be provided for bioretention areas." This has not been provided on Sheet C7.00 Landscape Plan and we would recommend a separate plan for each bioretention area be prepared at a proper scale for review. Applicant should refer to the requirements in Appendix H of the NYS SWDM.
 6. The discharges from four of the bioretention areas are shown to be directed to wetlands prior to leaving the site, however, the discharge from areas 1A and 1B are discharged to the ground. How will the flow from the larger storm events be prevented from creating rills in the slope and concentrating the flow?

If you have any questions, please feel free to contact me.

Sincerely,
KB Group of NY, Inc. dba PRIME AE Group of NY

A handwritten signature in cursive script that reads "Douglas P. Cole".

Douglas P. Cole, PE
Senior Director of Engineering

cc: Jeffrey Schmitt, Planning Board Chairman
Terresa Bakner, WOH
Jamie Malcolm, P.E., NYSDEC





**ENVIRONMENTAL DESIGN
PARTNERSHIP, LLP.**

Shaping the physical environment

900 Route 146 Clifton Park, NY 12065
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MEMO

Date: March 7th, 2022
To: Jeffrey Schmitt, Chairman of the Planning Board
Project: Oakhill Hill Solar Noise Study
From: The Environmental Design Partnership

In response to the E-Coustic Solutions, LLC review entitled, "Review of EDP Noise Impact Statements for Oak Hill Solar I and II" (E-Coustic Review), the Environmental Design Partnership (EDP) offers the following.

Preliminarily, it is noted that the E-Coustic Review did not involve a site visit, and the preparer is located in Michigan. The actual site conditions were not investigated by the reviewer accordingly. It also overlooked the inclusion of manufacturer's cut sheets providing the noise levels for equipment, and it does not discuss the noise mitigation resulting from the dense vegetation screens that will be placed between the project and neighboring properties. Significantly, it is based on the premise that any discernible noise is prohibited by the Town Code. The Town Code, even as recited within the E-Coustic Review, requires that there be no discernible change in noise levels. As such, the sound levels must be similar to the existing sound levels. There is no requirement to produce no new types of noise.

EDP is confident that the Noise Analysis performed utilizing the dBMap.net Noise Mapping Tool provides an accurate, if not overly conservative evaluation of the potential noise impacts from the proposed solar development for the following reasons:

- The dBMap.net software utilized by EDP to develop the supplemental noise analysis utilizes the calculation methodology outlined in ISO 9613, an international standard used to predict environmental noises at a distance from numerous sources. The standards set forth by the International Organization for Standardization (ISO) are developed through rigorous technical review and input from technical review committees comprised of global industry experts.
- The Ground Factor of 0.9 referenced in the E-Coustic Review and utilized in the dBMap.net model was selected as a conservative measure as the ground beneath and surrounding the solar panels will be fully vegetated and maintained in a meadow-like condition. A ground factor of 0.9 was utilized instead of a factor of 1.0 to take into account any potential harder surfaces, including roadways, equipment pads, etc., within the proposed array, which harder surfaces make up a small fraction of the vegetated project site.
- Noise factors from the solar trackers and other equipment were modelled using the sound information provided by manufacturer's as stated on their cut sheets. The cut sheets are prepared based on their own analysis. The noise levels utilized in the dBMap.net model include all noise generating components for the proposed equipment. Contrary to what was stated in the E-Coustic Report, this supporting documentation was provided in an Appendix with the Noise Analysis reports submitted by EDP. As such, there were no "assumptions" about noise levels, they were based on the manufacturer's information. Some pieces of equipment, such as the switchgear, were reported to have no discernible noise by the manufacturer. In these instances, EDP assumed a point source of 100 dB to provide a conservative analysis of the potential noise impacts.
- The solar panel tracker motors and associated components were modelled at ±1.5 meters above the ground surface as point sources, according to the issued for construction

drawings. The other associated solar equipment was modelled at ± 1 meters above the ground surface as point sources. The dBMap.net model calculated the Directivity or "Q" factor based on the height input; the "Q" factor was not arbitrarily selected by EDP.

As stated above, the reviewer did not take site-specific measurements. The assumption in the E-Coustic Review that the property is at the lowest rural noise levels is incorrect. The existing property is located along state highway NYS Route 7, which, according to the NYSDOT Traffic Data Viewer, has an Annual Average Daily Traffic (AADT) rating of approximately 1,410 (1,410 vehicle trips per day, with approximately 105 AADT truck trips per day). This would put the existing ambient noise levels significantly higher than the stated 25 to 35 dB reference included in their report.

For the aforementioned reasons, EDP maintains that the previously provided noise analysis provides a realistic representation of the potential noise impacts at the property line for the proposed solar development. Moreover, EDP maintains that no adverse impacts due to noise are anticipated from this project.

As such, it is entirely reasonable for the Planning Board to find the reports and submissions made by the Applicant more credible than the E-Coustic Report when the Applicant's consultants, in this instance EDP, have an intimate knowledge of the site and surrounding areas that cannot be obtained from a simple desktop review. Further, the E-Coustic Report overlooked a number of factors that support the findings in EDP's review, and misconstrued the governing noise standard. Therefore, it is entirely reasonable, and within the Planning Board's discretion and authority, to rely on the information, analysis and conclusions in EDP's analysis which found that the Project will not have a significant adverse environmental impact. EDP's analysis may be relied upon as accurate and reliable, particularly as compared to the E-Coustic Report which does not contain an independent assessment of the noise levels computerized mapping.



Verdanterra
37 Bailey Avenue
Latham, NY 12110
(518) 857-7169

Re: Oak Hill Solar
13590 Duanesburg Road, Duanesburg, NY 12053
Issued for Construction (IFC) Plans
Town Engineer Comment Response Letter – Stormwater
Design

March 7, 2022

Dale Warner
Town Planner / Building
Inspector / Code
Enforcement Officer
Town of Duanesburg
5853 Western Turnpike
Duanesburg, NY 12053

Dear Mr. Warner:

Greencells USA, Inc. plans to install a solar generation facility at 13590 Duanesburg Road, Duanesburg, NY. We are in receipt of the stormwater design comment letter dated March 3, 2022 from Douglas P. Cole from PRIME AE Group of NY. Our responses to the comment letter are addressed in bold.

SWPPP

1. Section 5.1 **Soils Classification** (p. 6) has been revised to state that "The use of lined bioretention areas was designed to treat water runoff from the impervious pad areas." This is a change that was discussed with NYSDEC so that the project would address the Runoff Reduction Volume (RRV) requirements of the NYS Stormwater Design Manual (SWDM).
Response: Comment noted.
2. Section 10.2.2 **Runoff Reduction Volume (RRV) Analysis** (p. 16) now states that "New development Projects that cannot achieve 100% runoff reduction for the RRV due to site limitations must direct runoff from newly constructed impervious areas to a SMP practice. For this Project, site impervious areas are being directed to modified lined bioretention areas via grass swales where the WQv and RRV requirements are being satisfied."
Response: Comment noted.
3. Section 10.3 **Post-Construction Stormwater Control Practices Utilized** (p. 17), has been modified to include Modified Lined Bioretention, which is further described in the section and shown on the revised site plans.
Response: Comment noted.

4. Section 10.4 **Stormwater Quantity Analysis** (p. 19) contains **Table 5 – Peak Discharge Rate (cfs) Comparison**. The table shows that the post-construction stormwater discharge rates from the three (3) design storms does not exceed the pre-construction discharge rates at any of the three (3) locations where surface waters already leave the property, based on the stormwater management practices being utilized for the project. The applicability of the proposed stormwater management practices will be discussed in the next section of this letter.
Response: Comment noted.

SWPPP Appendix J – Stormwater Management Report

1. Section 4.0 **Stormwater Management Planning and Practice Selection** (p. 3) has been updated to state: "Stormwater management on the site consists of swales to bioretention areas to treat runoff from the solar equipment pads. This practice is considered a standard SMP with RRv Capacity by the NYSDEC Stormwater Design Manual."
Response: Comment noted.
2. Section 5.1.1 **Water Quality (WQv)** (p. 4). The text of Scenario 2 of the April 6th 2018 NYSDEC memo for stormwater control on solar project sites is not provided in this section, however, in Section 6 of the document, Scenario 2 with subsequent notes, is stated as being used in the design.
Response: Comment noted. The addition of the Scenario 1 text was included in this section as a prior request by PRIME AE.
3. Section 5.1.1 **Water Quality (WQv)** (p. 5) Level Spreaders have been added to the design to help promote the re-establishment of sheet flow in areas of the site where the slope exceeds 5%.
Response: Comment noted.
4. Section 5.1.2 **Runoff Reduction Volume (RRv)** (p. 7) Modified Bioretention Design has been added and states that "lined bioretention will be utilized to meet both the water quality and recharge volume requirements for each pad area." The pretreatment requirement has been met with the use of a grass filter strip sized per Table 6.2 in the SWDM, following a stone gravel diaphragm. One hundred percent of the flow from the new impervious surfaces will travel through the pretreatment practice for each area, which exceeds the minimum 25% of the computed WQv required.
Response: The Stormwater Management Report has been modified to include calculations showing that 25% of the WQv will be treated within the filter strip area before entering the bioretention filter area. See Section 5.1.2, subsection "Water Quality Treatment Within Filter Strip Area Calculations".
5. A review of the Bioretention Filter area calculations on page 9 shows that a filter bed depth of three (3) feet was used, which falls within the acceptable range of 2.5 to 4 feet in the SWDM. The Bioretention Design Example in Section 8.5 of the SWDM shows the sizing of an overflow feature, so that the practice is not inundated and continues to function properly during the design storm events. This functionality appears to be missing from the design.
Response: Per the March 4, 2022 PRIME AE conference call, it was determined that establishing the ability to hold a 100-year storm event within the berm and bioretention filter area of the bioretention treatment areas will eliminate the need for an overflow feature. Additional HydroCAD calculations have been provided to show that the bioretention areas are able to attenuate the 100-year storm event. The HydroCAD calculations are located in Appendix J Attachment A. The HydroCAD calculations determined that all previously designed bioretention areas met the 100-year storm event attenuation except Bioretention Area 4. Bioretention Area 4 has been revised to provide a 2-foot berm elevation.

6. On page 13, the stream channel protection (Cpv) to provide 24-hour extended detention of the one-year, 24-hour storm event is said to be met by improving the site cover conditions and utilizing soil restoration in certain areas. The SWPPP needs to contain more information on the types and quantities of plants that will be tolerant and thrive in the existing soil conditions of the site to develop a 'meadow' condition that has been modeled in HydroCAD.

Response: The meadow condition currently takes place in several areas of the site and within the neighboring properties. The project proposes the use of native grass seed mixes and native pollinator seed mixes that work well within solar projects to establish the proposed meadow ground cover condition. Section 5.1.6 has been added to the Stormwater Management Report to describe the change in ground cover, the seed mixes used, planting schedule requirements, and determination of properly established ground cover.

Additional email correspondence with PRIME AE on March 5 & 6, 2022 requested additional information regarding maintaining ground cover post-construction. Additional information was added as requested to Section 5.1.6 as well as Appendix I – Operations and Maintenance Manual new Section 9.0 Additional Post Construction Requirements: Ground Cover.

The following links provide additional information regarding meadow (grass) growth within solar sites:

Solar arrays could be used as resources for plant productivity, study shows:

<https://today.oregonstate.edu/news/solar-arrays-could-be-used-resources-plant-productivity-study-shows>

Beneath Solar Panels, the Seeds of Opportunity Sprout:

<https://www.nrel.gov/news/features/2019/beneath-solar-panels-the-seeds-of-opportunity-sprout.html>

Solar PV Potential is Greatest Over Croplands: <https://www.nature.com/articles/s41598-019-47803-3>

Native Vegetation Performance under a Solar PV Array at the National Wind Technology Center: <https://www.nrel.gov/docs/fy17osti/66218.pdf>

Plants used within the bioretention filter areas have been proposed based on site limitations and the zone requirements per Appendix H and Table H.5. of the NYS Stormwater Management Design Manual.

7. The overbank flood control (Qp) is said to be met on page 14 by providing a sufficient storage volume in the stormwater management areas to limit the post-development 10-year, 24-hour peak discharge rate to pre-development discharge rate. As the SWDM does not allow for Bioretention practices to be used for quantity controls, only to meet water quality, I contacted Chris Connelly of Verdanterra via email on 3/2/2022 to ask if this is what they are proposing. He advised that they will remove the words "with sufficient storage volume" from the paragraph to eliminate confusion, as they are proposing that the change from the pre-development site cover condition of 'crops/pasture' with a curve number of 80, to a post-development site cover condition of 'meadow' with a curve number of 78, provides the necessary quantity control. The lower curve number means that the HydroCAD model will show less volume leaving the site for the design storm event for post-development conditions, however, it has not been proven that this post-development condition will exist, so additional backup information is required to justify that the post development ground cover can be considered meadow lands. Additionally, the SWDM Table 7.4 Stormwater Management Capability Matrix shows what practices can meet quality and quantity requirements and provides examples of a quality practice followed by a quantity practice, such as "bioretention followed by a downstream ED

pond" for channel protection (Cpv) and "bioretention followed by a downstream stormwater detention pond" for flood control (Qp and Qf). Outfall from bioretention is to a better ground cover
Response: The overbank flood control (Qp) section of the Stormwater Management Report has been revised to remove "with sufficient storage volume" and incorporate the change in the land cover type as the reason for meeting Qp. See SWPPP Appendix J – Stormwater Management Report response 6 for additional information regarding the establishment of meadow (grass) within the solar panel areas. Because of the small size of these bioretention areas and their locations within the site, the outfall to a quantity practice is not needed as discussed in the March 4, 2022 PRIME AE conference call. PRIME AE requested that the 100-year storm event be attenuated within each bioretention filter area and will not overflow the berm. HydroCAD calculations have been added to Appendix J – Stormwater Management Report Attachment A showing attenuation of the 100-year storm event. The HydroCAD calculations determined that all previously designed bioretention areas met the 100-year storm event except Bioretention Area 4. Bioretention Area 4 has been revised to provide a 2-foot berm elevation. We have achieved the site Qp requirement because it meets the quantity control per the change in cover type.

8. The extreme storm event attenuation (Qf) is said to be met on page 15 by providing a sufficient storage volume in the stormwater management areas to limit the post-development 100-year, 24-hour peak discharge rate to pre-development discharge rate. Please see Item 9 for the same response.

Response: The extreme storm event attenuation (Qf) section of the Stormwater Management Report has been revised to remove "with sufficient storage volume" and incorporate the change in land cover type as the reason for meeting Qf. See SWPPP Appendix J – Stormwater Management Report response 6 for additional information regarding the establishment of meadow (grass) within the solar panel areas. Because of the small size of these bioretention areas and their locations within the site, the outfall to a quantity practice is not needed as discussed in the March 4, 2022 PRIME AE conference call. PRIME AE requested that the 100-year storm event be attenuated within each bioretention filter area and will not overflow the berm. HydroCAD calculations have been added to Appendix J – Stormwater Management Report Attachment A showing attenuation of the 100-year storm event. The HydroCAD calculations determined that all previously designed bioretention areas met the 100-year storm event except Bioretention Area 4. Bioretention Area 4 had been revised to provide a 2-foot berm elevation. We have achieved the site Qf requirement because it meets the quantity control per the change in cover type.

IFC Site Plans

1. Sheet C5.01 has various details for components of the proposed stormwater management systems, however, there is not a plan that shows how the contractor is to install these parts to make the complete stormwater management system function in each of the proposed bioretention areas on the site, at a reasonable scale. Grass swales, level spreaders, check dams, underdrain piping, rip-rap aprons, etc. are not labeled on the grading plans.

Response: The plans have been revised to include Sheet C9.00 – Bioretention Area with blowups of each bioretention area. Gravel diaphragms, grass swales, rip-rap aprons, underdrain info, outfall piping info, berm elevation, bioretention area top elevation and bottom elevations, and landscape within the bioretention filter area are called out. An additional overall bioretention area top view is included to provide typical info that would be tough to see underneath the proposed landscape. Bioretention area construction sequence notes have been added to Sheet C9.00.

2. The Bioretention Detail on Sheet C5.01 does not show the berm that is called for on the grading plans.

Response: The Bioretention Detail on Sheet C5.01 was modified from the detail provided in Figure 6.19 from the NYS Stormwater Management Design Manual and has been revised to include the berm section. An overall top view of the bioretention area detail is provided on Sheet C9.00.

3. Sheet 5.01 contains a Rip-rap Apron at Pipe Outlets detail and associated size table for each location. The SWPPP also contains the same table, however, neither provide design calculations that can be verified. As each rip-rap apron is shown as the same size for the pipe outlet of each bioretention area, will the apron at the combined outlet from areas 1A and 1B twice as large?

Response: The rip-rap aprons were designed using Manning's equation for a pipe flowing full. Because of the low flows from all bioretention area outfall pipes, the flows do not register on the rip-rap apron design nomograph. We have provided rip-rap aprons as a conservative design to treat the pipe outfall. The plans have been revised to show separate rip-rap aprons for areas 1A and 1B.

4. Sheet 5.02 Landscape Notes and Details contains tables for native grass seed mixes and native pollinator seed mixes. See SWPPP comment #8 above regarding plant suitability for the site.

Response: It was noted that this comment pertains to SWPPP Appendix J – Stormwater Management Report comment #7. Additional description of the ground cover has been added to the Stormwater Management Report per the March 4, 2022 PRIME AE conference call and March 5 & 6 PRIME AE email correspondence. See Appendix J - Stormwater Management Report Section 5.1.6 and Appendix I - Operations and Maintenance Manual Section 9.0.

5. The NYS Stormwater Design Manual states "Landscaping is critical to the performance and function of bioretention areas. Therefore, a landscaping plan must be provided for bioretention areas." This has not been provided on Sheet C7.00 Landscape Plan and we would recommend a separate plan for each bioretention area be prepared at a proper scale for review. Applicant should refer to the requirements in Appendix H of the NYS SWDM.

Response: The plans have been revised to include Sheet C9.00 – Bioretention Area. This sheet shows blowups of each bioretention area with landscape within the bioretention filter area shown.

6. The discharges from four of the bioretention areas are shown to be directed to wetlands prior to leaving the site, however, the discharge from areas 1A and 1B are discharged to the ground. How will the flow from the larger storm events be prevented from creating rills in the slope and concentrating the flow?

Response: It was discussed during the March 4, 2022 PRIME AE conference call that the pipe outfall flows are so small, the use of the rip-rap aprons at pipe outfalls are conservative to treat the low amount of pipe outfall flows, and providing 100-year storm event attenuation within the bioretention filter will not require additional treatment at the pipe outfalls.



VERDANTERRA

If you have any questions regarding the enclosed information, please contact me at (518) 857-7169 or cconnelly@verdanterra.com.

Sincerely,
Verdanterra, LLC

Christopher W. Connelly, PE
Civil Engineer

cc: Douglas P. Cole, PRIME AE Group of NY.
Jacquelynn Smith, PRIME AE Group of NY
Terresa Bakner, Town of Duanesburg Attorney
Kevin Foster, AMP Energy
Nicole LeBlanc, AMP Energy
Bill Pedersen, AMP Energy
Taras Bezchibnyk, AMP Energy
Pallav Shah, AMP Energy
Dirk Vollbrecht, Greencells USA, Inc.
Steve Karl, Greencells USA, Inc.
File

*Full Environmental Assessment Form
Part 1 - Project and Setting*

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

| | | |
|---|-----------|----------------------------|
| Name of Action or Project: Oak Hill Solar 1, LLC & Oak Hill Solar 2, LLC | | |
| Project Location (describe, and attach a general location map): 13590-13592 Duaneburg Road, Delanson, NY 12053 | | |
| Brief Description of Proposed Action (include purpose or need): The applicant proposes to construct two (2) 5.0 MW photovoltaic solar sites including battery energy storage systems (BESS) such that each solar array will be situated on its own parcel. | | |
| Name of Applicant/Sponsor: Kevin Foster - Oak Hill Solar 1, LLC & Oak Hill Solar 2, LLC | | Telephone: (416) 450-7023 |
| | | E-Mail: kfoster@amp.energy |
| Address: 1550 Wewatta Street, 4th Floor | | |
| City/PO: Denver | State: CO | Zip Code: 80202 |
| Project Contact (if not same as sponsor; give name and title/role): Pallav Shah | | Telephone: (781) 589-1928 |
| | | E-Mail: pshah@amp.energy |
| Address: 1550 Wewatta Street, 4th Floor | | |
| City/PO: Denver | State: CO | Zip Code: 80202 |
| Property Owner (if not same as sponsor): Richard Murray | | Telephone: |
| | | E-Mail: |
| Address: 1206 Oak Hill Road | | |
| City/PO: Esperance | State: NY | Zip Code: 12066 |

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)

| Government Entity | If Yes: Identify Agency and Approval(s) Required | Application Date (Actual or projected) |
|---|---|---|
| a. City Council, Town Board, <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No or Village Board of Trustees | Possible pending discussion regarding solar credits. | |
| b. City, Town or Village Planning Board or Commission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Lot Line Adjustment, Subdivision, Site Plan, Special Use Permit, PILOT | |
| c. City, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| d. Other local agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | County planning referral. | |
| f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | NYSDOT - curb cut, OPRHP, NYSERDA, NYSDEC - wetlands, stormwater & end. species | |
| h. Federal agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | ACOE - wetlands | |
| i. Coastal Resources. | | |
| i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| iii. Is the project site within a Coastal Erosion Hazard Area? | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? Yes No

- If Yes, complete sections C, F and G.
- If No, proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? Yes No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) Yes No

If Yes, identify the plan(s):

NYS Heritage Areas: Mohawk Valley Heritage Corridor

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? Yes No

If Yes, identify the plan(s):

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. Yes No
If Yes, what is the zoning classification(s) including any applicable overlay district?
Agricultural-Residential (R-2)

b. Is the use permitted or allowed by a special or conditional use permit? Yes No

c. Is a zoning change requested as part of the proposed action? Yes No
If Yes,

i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? Duanesburg

b. What police or other public protection forces serve the project site?

NY State Police & Schenectady County Sheriffs

c. Which fire protection and emergency medical services serve the project site?

Esperance Volunteer Fire Department

d. What parks serve the project site?

Central Bridge Community Park, Shafer Park

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Utility

b. a. Total acreage of the site of the proposed action? 140.73 +/- acres

b. Total acreage to be physically disturbed? 69.75 +/- acres

c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 140.73 +/- acres

c. Is the proposed action an expansion of an existing project or use? Yes No

i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? Yes No

If Yes,

i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
Utility separation

ii. Is a cluster/conservation layout proposed? Yes No

iii. Number of lots proposed? 2

iv. Minimum and maximum proposed lot sizes? Minimum 70.35 ac Maximum 70.38 ac

e. Will the proposed action be constructed in multiple phases? Yes No

i. If No, anticipated period of construction: 12 months

ii. If Yes:

- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____ year

• Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses?

Yes No

If Yes, show numbers of units proposed.

| | <u>One Family</u> | <u>Two Family</u> | <u>Three Family</u> | <u>Multiple Family (four or more)</u> |
|-----------------------------|-------------------|-------------------|---------------------|---------------------------------------|
| Initial Phase | _____ | _____ | _____ | _____ |
| At completion of all phases | _____ | _____ | _____ | _____ |

g. Does the proposed action include new non-residential construction (including expansions)?

Yes No

If Yes,

* Structures noted as walk-in enclosures - 4

- i. Total number of structures 6* BESS, 2 spare parts containers
- ii. Dimensions (in feet) of largest proposed structure: 8' height; 7'-5-1/2" width; and 53' length
- iii. Approximate extent of building space to be heated or cooled: 1500 square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage?

Yes No

If Yes,

- i. Purpose of the impoundment: _____
- ii. If a water impoundment, the principal source of the water: Ground water Surface water streams Other specify: _____
- iii. If other than water, identify the type of impounded/contained liquids and their source. _____
- iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres
- v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length
- vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): _____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) Yes No

If Yes:

- i. What is the purpose of the excavation or dredging? _____
- ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
 - Volume (specify tons or cubic yards): _____
 - Over what duration of time? _____
- iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. _____
- iv. Will there be onsite dewatering or processing of excavated materials? Yes No
If yes, describe. _____
- v. What is the total area to be dredged or excavated? _____ acres
- vi. What is the maximum area to be worked at any one time? _____ acres
- vii. What would be the maximum depth of excavation or dredging? _____ feet
- viii. Will the excavation require blasting? Yes No
- ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? Yes No

If Yes:

- i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): Wetland ID: G-104 ; Wetland Class: 3

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:
Approximately 1,283 sf of utility trench and limited use pervious haul road is proposed to be installed within wetland areas. Fence posts and solar structures are to be mechanically driven to avoid disturbance.

iii. Will the proposed action cause or result in disturbance to bottom sediments? Yes No
 If Yes, describe: _____

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? Yes No
 If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

c. Will the proposed action use, or create a new demand for water? Yes No
 If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? Yes No
 If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No
- Do existing lines serve the project site? Yes No

iii. Will line extension within an existing district be necessary to supply the project? Yes No
 If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? Yes No
 If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? Yes No
 If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

iii. Will the proposed action use any existing public wastewater treatment facilities? Yes No
 If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No

- Do existing sewer lines serve the project site? Yes No
 - Will a line extension within an existing district be necessary to serve the project? Yes No
- If Yes:
- Describe extensions or capacity expansions proposed to serve this project: _____

- iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? Yes No
- If Yes:
- Applicant/sponsor for new district: _____
 - Date application submitted or anticipated: _____
 - What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

- e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? Yes No

- If Yes:
- i. How much impervious surface will the project create in relation to total size of project parcel?
- _____ Square feet or 0.092 acres (impervious surface)
- _____ Square feet or 140.7 acres (parcel size)
- ii. Describe types of new point sources. Inverter/transformer pads, spare parts storage containers, energy storage system pads, DC-DC converter pads

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

Site will feature a limited use pervious gravel solar access road that will not alter site hydrology.

- If to surface waters, identify receiving water bodies or wetlands: _____
- Will stormwater runoff flow to adjacent properties? Yes No

- iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? Yes No

- f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? Yes No

- If Yes, identify:
- i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)
- _____
- ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)
- _____
- iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)
- _____

- g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? Yes No

- If Yes:
- i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) Yes No
- ii. In addition to emissions as calculated in the application, the project will generate:
- _____ Tons/year (short tons) of Carbon Dioxide (CO₂)
 - _____ Tons/year (short tons) of Nitrous Oxide (N₂O)
 - _____ Tons/year (short tons) of Perfluorocarbons (PFCs)
 - _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆)
 - _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs)
 - _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? Yes No

If Yes:

- i. Estimate methane generation in tons/year (metric): _____
- ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? Yes No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): _____

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? Yes No

If Yes:

- i. When is the peak traffic expected (Check all that apply): Morning Evening Weekend
 Randomly between hours of _____ to _____.
- ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? Yes No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: _____

vi. Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site? Yes No

vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? Yes No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): _____

iii. Will the proposed action require a new, or an upgrade, to an existing substation? Yes No

l. Hours of operation. Answer all items which apply.

i. During Construction:

- Monday - Friday: _____ 7am - 5pm
- Saturday: _____
- Sunday: _____
- Holidays: _____

ii. During Operations:

- Monday - Friday: _____
- Saturday: _____
- Sunday: _____
- Holidays: _____

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? Yes No

If yes:

i. Provide details including sources, time of day and duration:

BESS < 100dBA at equipment, Equipment pads < 94dBA at equipment, trackers < 70dBA, very low dBA at property lines - 24 hour per day duration / heavy machinery during construction

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes No

Describe: _____

n. Will the proposed action have outdoor lighting? Yes No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes No

Describe: _____

o. Does the proposed action have the potential to produce odors for more than one hour per day? Yes No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? Yes No

If Yes:

i. Product(s) to be stored _____

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally, describe the proposed storage facilities: _____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? Yes No

If Yes:

i. Describe proposed treatment(s):

Spot use of herbicides to control invasive species during operational phase of project

ii. Will the proposed action use Integrated Pest Management Practices? Yes No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? Yes No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

• Construction: _____ tons per _____ (unit of time)

• Operation: _____ tons per _____ (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

• Construction: _____

• Operation: _____

iii. Proposed disposal methods/facilities for solid waste generated on-site:

• Construction: _____

• Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? Yes No

If Yes:

- i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____
- ii. Anticipated rate of disposal/processing: _____
 - _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
 - _____ Tons/hour, if combustion or thermal treatment
- iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? Yes No

If Yes:

- i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____
- ii. Generally describe processes or activities involving hazardous wastes or constituents: _____
- iii. Specify amount to be handled or generated _____ tons/month
- iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: _____

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

- Urban Industrial Commercial Residential (suburban) Rural (non-farm)
- Forest Agriculture Aquatic Other (specify): _____

ii. If mix of uses, generally describe: _____

The land and surrounding parcels are currently a mix of farming and residential.

b. Land uses and covertypes on the project site.

| Land use or Covertype | Current Acreage | Acreage After Project Completion | Change (Acres +/-) |
|--|-----------------|----------------------------------|--------------------|
| • Roads, buildings, and other paved or impervious surfaces | 0.16 | 0.25 | +0.09 |
| • Forested | 24.98 | 24.68 | -0.30 |
| • Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural) | 89.64 | 24.67 | -64.97 |
| • Agricultural (includes active orchards, field, greenhouse etc.) | 16.10 | 16.10 | 0 |
| • Surface water features (lakes, ponds, streams, rivers, etc.) | | | |
| • Wetlands (freshwater or tidal) | 9.85 | 9.83 | -0.02 |
| • Non-vegetated (bare rock, earth or fill) | | | |
| • Other Describe: Solar field | 0.00 | 65.2 | +65.2 |

c. Is the project site presently used by members of the community for public recreation? Yes No

i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? Yes No

If Yes,

i. Identify Facilities: _____

e. Does the project site contain an existing dam? Yes No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection: _____

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? Yes No

If Yes:

i. Has the facility been formally closed? Yes No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility: _____

iii. Describe any development constraints due to the prior solid waste activities: _____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? Yes No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred: _____

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? Yes No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: Yes No

Yes - Spills Incidents database

Provide DEC ID number(s): _____

Yes - Environmental Site Remediation database

Provide DEC ID number(s): _____

Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures: _____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No

If yes, provide DEC ID number(s): _____

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s): _____

- v. Is the project site subject to an institutional control limiting property uses? Yes No
- If yes, DEC site ID number: _____
 - Describe the type of institutional control (e.g., deed restriction or easement): _____
 - Describe any use limitations: _____
 - Describe any engineering controls: _____
 - Will the project affect the institutional or engineering controls in place? Yes No
 - Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? _____ >6 feet

b. Are there bedrock outcroppings on the project site? Yes No
 If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %

c. Predominant soil type(s) present on project site:

| | | |
|------------------|-------|------|
| Burdett-Scriba | _____ | 72 % |
| Illian Silt Loam | _____ | 28 % |
| _____ | _____ | % |

d. What is the average depth to the water table on the project site? Average: _____ 2-4 feet

e. Drainage status of project site soils:

| | |
|--|-----------------|
| <input type="checkbox"/> Well Drained: | _____ % of site |
| <input type="checkbox"/> Moderately Well Drained: | _____ % of site |
| <input checked="" type="checkbox"/> Poorly Drained | 100 % of site |

f. Approximate proportion of proposed action site with slopes:

| | |
|---|-----------------|
| <input checked="" type="checkbox"/> 0-10%: | 90 % of site |
| <input checked="" type="checkbox"/> 10-15%: | 10 % of site |
| <input type="checkbox"/> 15% or greater: | _____ % of site |

g. Are there any unique geologic features on the project site? Yes No
 If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? Yes No

ii. Do any wetlands or other waterbodies adjoin the project site? Yes No

If Yes to either i or ii, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? Yes No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name Federal Waters, NYS Wetland Approximate Size NYS Wetland (in a...)
- Wetland No. (if regulated by DEC) G-104

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? Yes No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? Yes No

j. Is the project site in the 100-year Floodplain? Yes No

k. Is the project site in the 500-year Floodplain? Yes No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? Yes No

If Yes:
 i. Name of aquifer: Principal Aquifer

m. Identify the predominant wildlife species that occupy or use the project site:

Deer _____ Squirrels _____ Skunks _____
Birds _____ Opossum _____

n. Does the project site contain a designated significant natural community?

Yes No

If Yes:

i. Describe the habitat/community (composition, function, and basis for designation): _____

ii. Source(s) of description or evaluation: _____

iii. Extent of community/habitat:

- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? Yes No

If Yes:

i. Species and listing (endangered or threatened): _____

Northern Long-eared Bat

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? Yes No

If Yes:

i. Species and listing: _____

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? Yes No

If yes, give a brief description of how the proposed action may affect that use: _____

Private small game / large game hunting

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? Yes No

If Yes, provide county plus district name/number: _____

b. Are agricultural lands consisting of highly productive soils present? Yes No

- i. If Yes: acreage(s) on project site? 133 +/- acres**
- ii. Source(s) of soil rating(s): USDA Web Soil Survey

**Although listed as highly productive by the USDA Soil Survey, it has been the landowner's experience that the land is too wet to be productive.

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? Yes No

If Yes:

i. Nature of the natural landmark: Biological Community Geological Feature

ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? Yes No

If Yes:

i. CEA name: _____

ii. Basis for designation: _____

iii. Designating agency and date: _____

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? Yes No

If Yes:

i. Nature of historic/archaeological resource: Archaeological Site Historic Building or District

ii. Name: Sheldon Farmhouse

iii. Brief description of attributes on which listing is based:
Historic house

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? Yes No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? Yes No

If Yes:

i. Describe possible resource(s): _____

ii. Basis for identification: _____

h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? Yes No

If Yes:

i. Identify resource: _____

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____

iii. Distance between project and resource: _____ miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? Yes No

If Yes:

i. Identify the name of the river and its designation: _____

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? Yes No

F. Additional Information

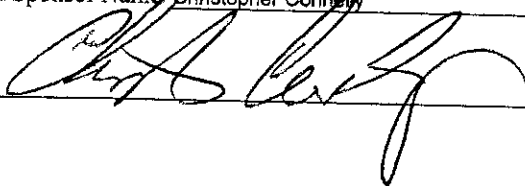
Attach any additional information which may be needed to clarify your project.

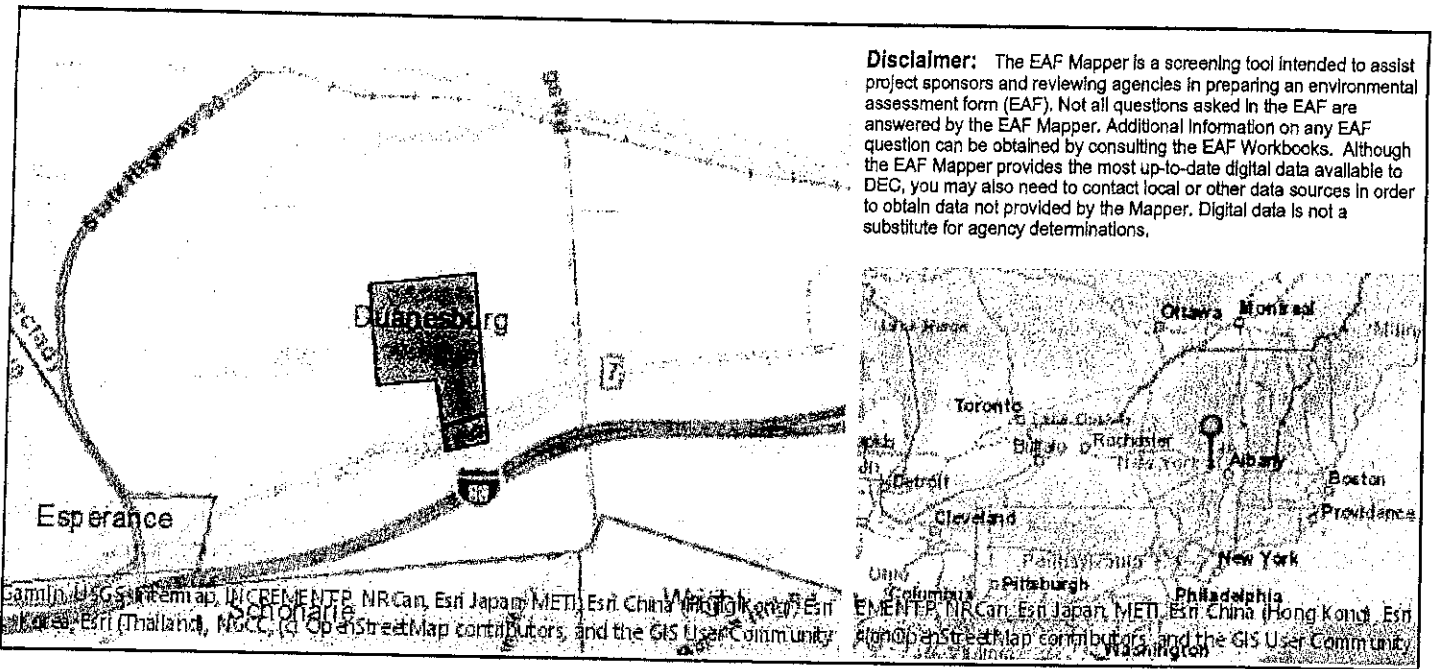
If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name: Christopher Connelly Date: 3/7/22

Signature:  Title: Agent For Applicant



| | |
|--|---|
| B.1.i [Coastal or Waterfront Area] | No |
| B.1.ii [Local Waterfront Revitalization Area] | No |
| C.2.b. [Special Planning District] | Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook. |
| C.2.b. [Special Planning District - Name] | NYS Heritage Areas: Mohawk Valley Heritage Corridor |
| E.1.h [DEC Spills or Remediation Site - Potential Contamination History] | Digital mapping data are not available or are incomplete. Refer to EAF Workbook. |
| E.1.h.i [DEC Spills or Remediation Site - Listed] | Digital mapping data are not available or are incomplete. Refer to EAF Workbook. |
| E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database] | Digital mapping data are not available or are incomplete. Refer to EAF Workbook. |
| E.1.h.iii [Within 2,000' of DEC Remediation Site] | No |
| E.2.g [Unique Geologic Features] | No |
| E.2.h.i [Surface Water Features] | Yes |
| E.2.h.ii [Surface Water Features] | Yes |
| E.2.h.iii [Surface Water Features] | Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook. |
| E.2.h.iv [Surface Water Features - Wetlands Name] | Federal Waters, NYS Wetland |
| E.2.h.iv [Surface Water Features - Wetlands Size] | NYS Wetland (in acres): 82.2 |
| E.2.h.iv [Surface Water Features - DEC Wetlands Number] | G-104 |
| E.2.h.v [Impaired Water Bodies] | No |
| E.2.i. [Floodway] | No |
| E.2.j. [100 Year Floodplain] | No |

| | |
|---|---|
| E.2.k. [500 Year Floodplain] | No |
| E.2.l. [Aquifers] | Yes |
| E.2.l. [Aquifer Names] | Principal Aquifer |
| E.2.n. [Natural Communities] | No |
| E.2.o. [Endangered or Threatened Species] | Yes |
| E.2.o. [Endangered or Threatened Species - Name] | Northern Long-eared Bat |
| E.2.p. [Rare Plants or Animals] | No |
| E.3.a. [Agricultural District] | No |
| E.3.c. [National Natural Landmark] | No |
| E.3.d [Critical Environmental Area] | No |
| E.3.e. [National or State Register of Historic Places or State Eligible Sites] | Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook. |
| E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name] | Sheldon Farmhouse |
| E.3.f. [Archeological Sites] | Yes |
| E.3.i. [Designated River Corridor] | No |

TOWN OF DUANESBURG

APPLICATION FOR SITE/ SKETCH DEVELOPMENT PLAN APPROVAL

Preliminary Date: February 11, 2022 Final Date: _____
(Check appropriate box)

Name of proposed development Adabahr/McKeone Lot Line Amendment

Applicant:

Name Carl H. Adabahr
Address 173 Mariaville Scotch Church Road
Pattersonville, NY 12137
Telephone 518-864-5324

Plans Prepared by:

Name ABD Engineers, LLP
Address 411 Union Street
Schenectady, NY 12305
Telephone 518-377-0315

Owner (if different):

Name Walter B. McKeone
Address 597 Mariaville Scotch Church Road
Pattersonville, NY 12137
Telephone _____

(if more than one owner, provide information for each)

Ownership intentions, i.e., purchase options
Same, just a lot line adjustment

Location of site

Mariaville Road - Route 159 intersection with Mariaville Scotch Church Road - Route 160

| | | |
|--------------------------------|----------------|-----------------|
| Section <u>Adabahr - 34.08</u> | Block <u>1</u> | Lot <u>10.1</u> |
| <u>McKeone - 25.00</u> | <u>2</u> | <u>4.2</u> |

Current zoning classification Hamlet and Agricultural/Residential

State and federal permits needed (list type and appropriate department)

N/A

Proposed use(s) of site

Hay field

Total site area (square feet or acres) Adabahr 1.8 Ac plus McKeone 50± Ac

Anticipated construction time N/A

Will development be phased? No

Over →

Short Environmental Assessment Form

Part 1 - Project Information

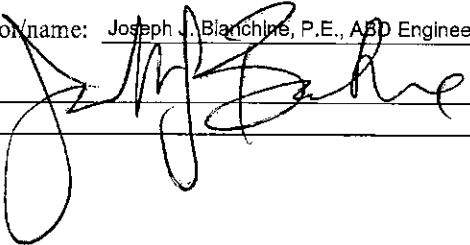
Instructions for Completing

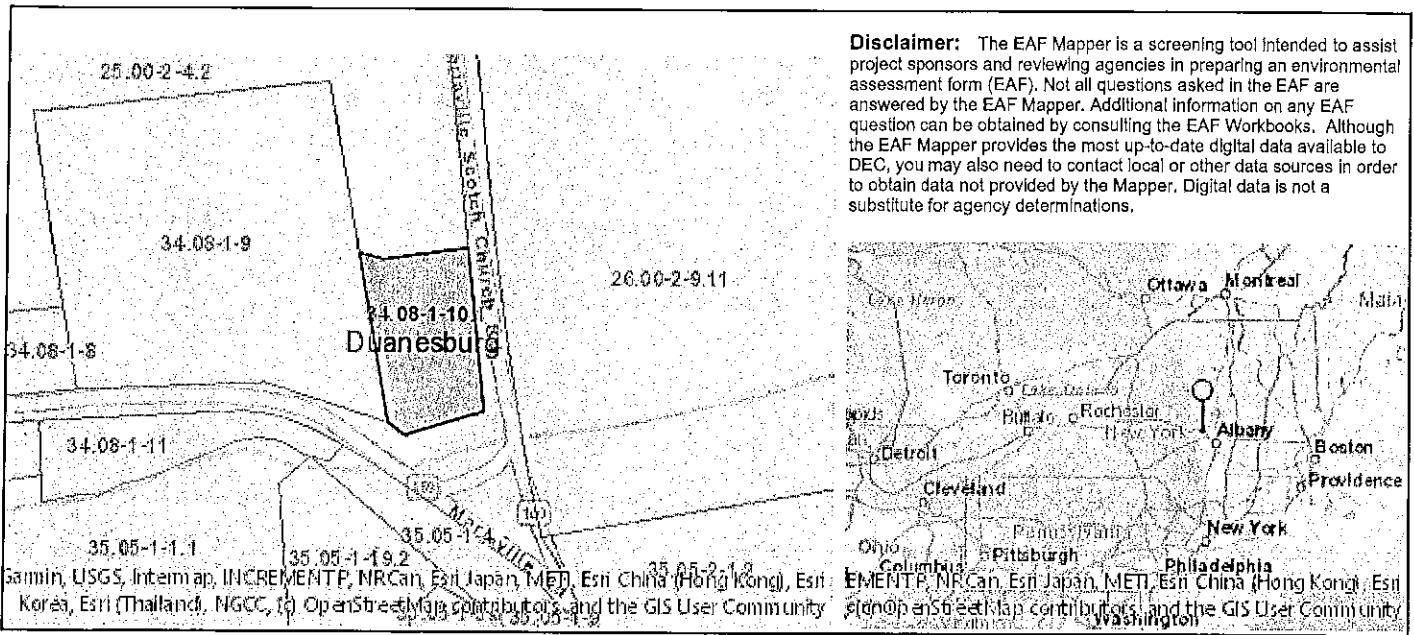
Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

| Part 1 – Project and Sponsor Information | | | |
|---|--|-------------------------|---------------------------------|
| Name of Action or Project: 173 & 597 Mariaville Scotch Church Road Lot Line Amendment | | | |
| Project Location (describe, and attach a location map): 173 & 597 Mariaville Scotch Church Road, Pattersonville, NY 12137 | | | |
| Brief Description of Proposed Action: Existing single family residence on Adabahr, existing hay fields on McKeone. This is simply a lot line amendment between two related parties, no improvements are proposed. | | | |
| Name of Applicant or Sponsor: Carl H. Adabahr | | Telephone: 518-864-5324 | |
| Address: 173 Mariaville Scotch Church Road | | E-Mail: | |
| City/PO: Pattersonville | | State: NY | Zip Code: 12137 |
| 1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2. | | | NO <input type="checkbox"/> |
| 2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval: | | | YES <input type="checkbox"/> |
| 3. a. Total acreage of the site of the proposed action? _____ acres b. Total acreage to be physically disturbed? _____ acres c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ acres | | | YES <input type="checkbox"/> |
| 4. Check all land uses that occur on, are adjoining or near the proposed action: | | | |
| 5. <input type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential (suburban) <input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other(Specify): <input type="checkbox"/> Parkland | | | |

| | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 5. Is the proposed action, a. A permitted use under the zoning regulations? b. Consistent with the adopted comprehensive plan? | NO | YES | N/A |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the proposed action consistent with the predominant character of the existing built or natural landscape? | NO | YES | |
| | <input type="checkbox"/> | <input type="checkbox"/> | |
| 7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____ | NO | YES | |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 8. a. Will the proposed action result in a substantial increase in traffic above present levels? b. Are public transportation services available at or near the site of the proposed action? c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action? | NO | YES | |
| | <input type="checkbox"/> | <input type="checkbox"/> | |
| | <input type="checkbox"/> | <input type="checkbox"/> | |
| 9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies: _____ _____ | NO | YES | |
| | <input type="checkbox"/> | <input type="checkbox"/> | |
| 10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____ _____ | NO | YES | |
| | <input type="checkbox"/> | <input type="checkbox"/> | |
| 11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____ _____ | NO | YES | |
| | <input type="checkbox"/> | <input type="checkbox"/> | |
| 12. a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? | NO | YES | |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency? b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody? If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____ _____ _____ | NO | YES | |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | <input type="checkbox"/> | <input type="checkbox"/> | |
| | | | |

| | | |
|---|-------------------------------------|--------------------------|
| 14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply: | | |
| <input type="checkbox"/> Shoreline <input type="checkbox"/> Forest <input type="checkbox"/> Agricultural/grasslands <input type="checkbox"/> Early mid-successional <input type="checkbox"/> Wetland <input type="checkbox"/> Urban <input type="checkbox"/> Suburban | | |
| 15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered? | NO | YES |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 16. Is the project site located in the 100-year flood plan? | NO | YES |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 17. Will the proposed action create storm water discharge, either from point or non-point sources? If Yes, | NO | YES |
| | <input type="checkbox"/> | <input type="checkbox"/> |
| a. Will storm water discharges flow to adjacent properties? | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? | <input type="checkbox"/> | <input type="checkbox"/> |
| If Yes, briefly describe: _____ _____ | | |
| 18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)? If Yes, explain the purpose and size of the impoundment: _____ _____ | NO | YES |
| | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? If Yes, describe: _____ _____ | NO | YES |
| | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste? If Yes, describe: _____ _____ | NO | YES |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE Applicant/sponsor name: <u>Joseph J. Bianchini, P.E., ABD Engineers, LLP</u> Date: <u>February 11, 2022</u> Signature: <u></u> Title: <u>Professional Engineer</u> | | |



| | |
|---|---|
| Part 1 / Question 7 [Critical Environmental Area] | No |
| Part 1 / Question 12a [National or State Register of Historic Places or State Eligible Sites] | No |
| Part 1 / Question 12b [Archeological Sites] | Yes |
| Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies] | Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook. |
| Part 1 / Question 15 [Threatened or Endangered Animal] | No |
| Part 1 / Question 16 [100 Year Flood Plain] | No |
| Part 1 / Question 20 [Remediation Site] | No |

TOWN OF DUANESBURG

Application# _____

Agricultural Data Statement

Date: _____

Instructions: This form must be completed for any application for a special use permit, site plan approval, use variance or a subdivision approval requiring municipal review that would occur on property within 500 feet of a farm operation located in a NYS Dept. of Ag & Markets certified Agricultural District.

| Applicant | Owner if Different from Applicant |
|--|---|
| Name: <u>Carl H. Adabahr</u> | Name: <u>Walter McKeone</u> |
| Address: <u>173 Mariaville Scotch Church Road</u> <u>Pattersonville, NY 12137</u> | <u>597 Mariaville Scotch Church Road</u> <u>Pattersonville, NY 12137</u> |

- Type of Application: Special Use Permit; Site Plan Approval; Use Variance; Area Variance; Subdivision Approval (circle one or more)
- Description of proposed project:
Single family residence on Adabahr, existing hayfields on McKeone. This is simply a lot line amendment between two related parties, no improvements are proposed.
- Location of project: Address: 173 Mariaville Scotch Church Road
Tax Map Number (TMP) 34.08-1-10.1
- Is this parcel within an Agricultural District? YES NO (Check with your local
- If YES, Agricultural District Number _____ assessor if you do not know.)
- Is this parcel actively farmed? YES NO
- List all farm operations within 500 feet of your parcel. Attach additional sheet if necessary.

| | |
|---|---|
| NAME: _____ ADDRESS: _____ Is this parcel actively farmed? <input type="checkbox"/> YES <input type="checkbox"/> NO | NAME: _____ ADDRESS: _____ Is this parcel actively farmed? <input type="checkbox"/> YES <input type="checkbox"/> NO |
| NAME: _____ ADDRESS: _____ Is this parcel actively farmed? <input type="checkbox"/> YES <input type="checkbox"/> NO | NAME: _____ ADDRESS: _____ Is this parcel actively farmed? <input type="checkbox"/> YES <input type="checkbox"/> NO |

Signature of Applicant

Signature of Owner (if other than applicant)

Reviewed by: _____
Dale R. Warner

Date

Revised 6/30/08

NOTE TO REFERRAL AGENCY: County Planning Board review is required. A copy of the Agricultural Data Statement must be submitted along with the referral to the County Planning Department.

BOOK 1449 PAGE 0164

95 0612

WARRANTY DEED

1277

THIS INDENTURE, made the 17th day of February, Nineteen Hundred and Ninety-Five between Roger L. Adabahr residing at 518 East Shore Road, Delanson, New York, and Carl H. Adabahr residing at RD #1 Box 358, Pattersonville, New York, parties of the first part, and Carl H. Adabahr, residing at RD #1 Box 358, Pattersonville, New York, party of the second part,

RECORDED FEB 15 11:10:41

Witness that the parties of the first part, in consideration of One and no 00/100 Dollars (\$1.00) lawful money of the United States, and other good and valuable consideration paid by the party of the second part, do hereby grant and release unto the party of the second part, his heirs and assigns forever,

ALL THAT TRACT OR PARCEL OF LAND, situate, lying and being in the Town of Duanesburg, County of Schenectady and State of New York, bounded and described as follows: Easterly and in front by the westerly side of the Scotch Church-Mariaville Road a distance of 274 feet along the same; northerly by the lands of John H. McKeone 150 feet along the same; westerly and in the rear by the lands of the said John H. McKeone a distance of 320+ feet along the same; and southerly by the lands of the County of Schenectady a distance of 151+ feet along the same, be all of the aforesaid dimensions more or less.

AND ALSO ALL THAT CERTAIN TRACT OR PARCEL OF LAND, situate, lying and being the Town of Duanesburg, County of Schenectady and State of New York, bounded and described as follows: BEGINNING at a set iron pin at the southwesterly corner of lands of Carl W. and Ruby C. Adabahr and running thence S 78 degrees 45 minutes W and along the northerly line of the lands of the County of Schenectady a distance of 47.45 feet to the remains of a County Highway Monument; thence N 16 degrees 13 minutes 08 seconds W and running along the northerly side of New York State Route No. 159 a distance of 24.09 feet to a set iron pin; thence N 3 degrees 54 minutes 39 seconds E and running along the easterly line of the lands of the Mariaville Central School a distance of 312.09 feet to a set iron pin; thence S 83 degrees 40 minutes 05 seconds E and running through the lands of William D. and Eva McKeone a distance of 54.53 feet to a set iron pin at the northwest corner of the lands of Adabahr; thence S 3 degrees 58 minutes 55 seconds W and running along the westerly boundary line of the lands of Adabahr a distance of 320.00 feet to the place of beginning and containing 0.41 acres of land, more or less

Being the same premises conveyed in a deed from Ruby C. Adabahr to Carl W. Adabahr, by deed dated the 17th day of July, 1990, and recorded in the Schenectady County Clerk's Office on the 18th day of July, 1990, in Book 1270 of Deeds at page 344.

D
R.P.T.S.A.
TAX MAP IDENT
SEC. 340BULK
LOT 10-1

And also being the same premises devised to the grantors herein in and by the Last Will and Testament of Carl W. Adabahr, deceased, admitted to probate by the Schenectady County Surrogate on the 3rd day of October, 1994, a certified copy of said Will is intended to be recorded simultaneously herewith.

TOGETHER with the appurtenances and all the estate and rights of the parties of the first part in and to the premises,

TO have and to hold the premises herein granted to the party of the second part, his heirs and assigns forever,

AND the parties of the first part covenant as follows:

FIRST: That the party of the second part shall quietly enjoy the said premises;

SECOND: That the parties of the first part will forever warrant the title to the premises.

THIRD: That, in compliance with Section 13 of the Lien Law, the grantors will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of any improvement, and will apply the same first to the payment of the cost of any improvement before using any part of the total of the same for any other purpose.

RyR To:
Carl Adabahr
173 MARION St. South Rd
Pattersonville NY 12157-2707

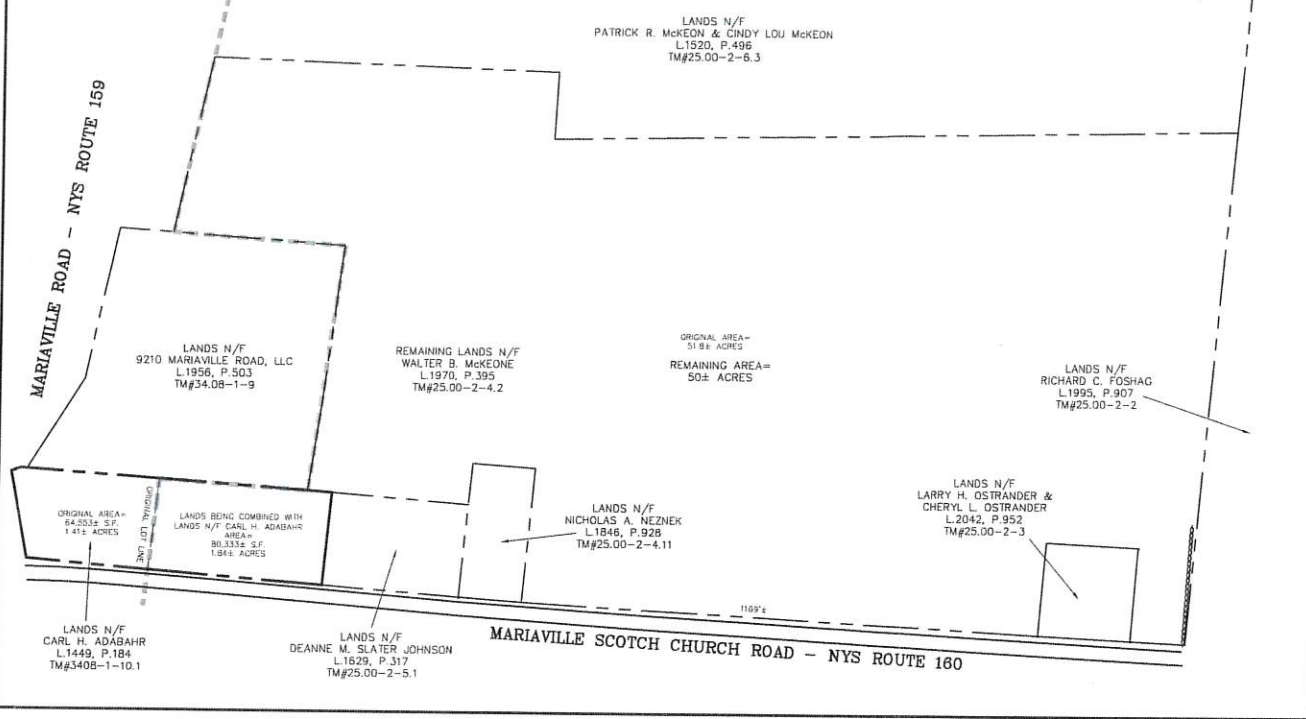
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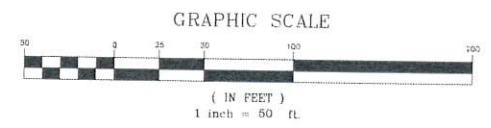
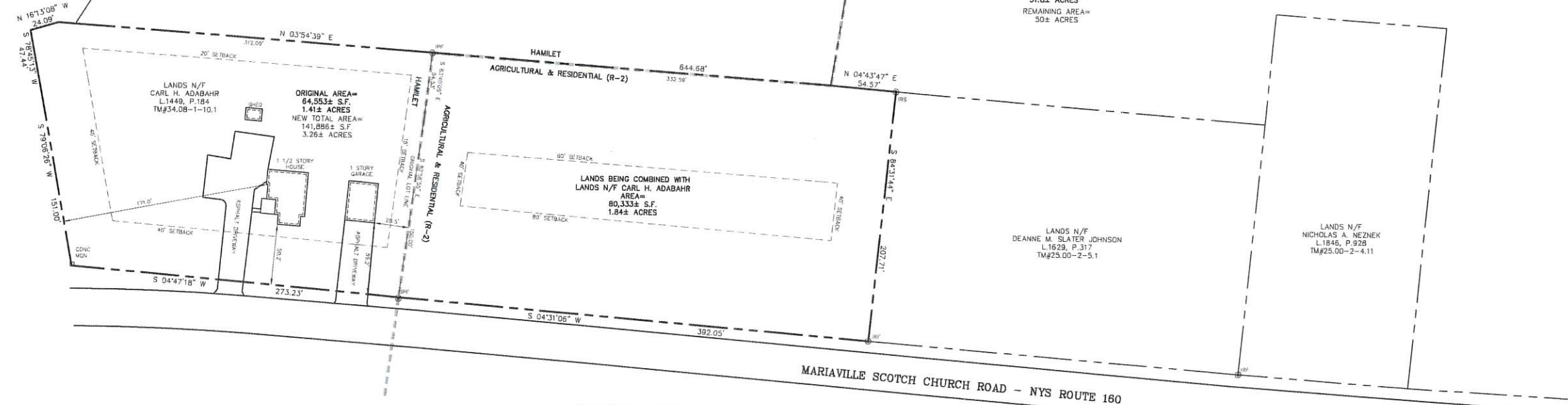
PER L1449, P.184

MARIAVILLE ROAD - NYS ROUTE 159

LANDS N/F
9210 MARIAVILLE ROAD, LLC
L1956, P.503
TM#34.08-1-9



SITE LOCATION MAP



LANDS N/F
WALTER B. McKEONE
L1970, P.395
TM#25.00-2-4.2
ORIGINAL AREA=
51.8± ACRES
REMAINING AREA=
50± ACRES

LANDS N/F
DEANNE M. SLATER JOHNSON
L1829, P.317
TM#25.00-2-5.1

LANDS N/F
NICHOLAS A. NEZNEK
L1846, P.928
TM#25.00-2-4.11

SURVEYORS NOTES:

1. PREPARED BY ABD ENGINEERS, LLP, FROM A FIELD SURVEY COMPLETED ON JANUARY 10, 2022.
2. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN UP TO DATE ABSTRACT OF TITLE OR TITLE REPORT AND IS SUBJECT TO ANY STATEMENT OF FACT THAT SUCH ABSTRACT OF TITLE OR TITLE REPORT MAY REVEAL. NO SEARCH OF THE PUBLIC RECORD WAS MADE FOR EASEMENTS, COVENANTS, AND/OR RESTRICTIONS SPECIFICALLY AFFECTING THIS PARCEL.
3. UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS ARE SHOWN FROM FIELD LOCATIONS (IF POSSIBLE) AND OTHERS ARE SHOWN FROM RECORD DATA. THEIR EXACT LOCATION MAY BE DIFFERENT FROM THAT SHOWN AND OTHER HIDDEN UNDERGROUND IMPROVEMENTS MAY EXIST. NO CERTIFICATION IS MADE TO THE ACCURACIES OF UNDERGROUND LOCATIONS. CALL DIG SAFE NEW YORK BY DIALING 811 PRIOR TO ANY EXCAVATING, BLASTING, DRILLING, OR DRIVING.
4. ANY ELEVATIONS SHOWN HEREON ARE BASED ON NAVD 88.
5. CORNER MARKERS HAVE NOT BEEN SET UNLESS OTHERWISE INDICATED HEREON.

DEED REFERENCE:

DEED TO CARL H. ADABAHR FROM ROGER L. ADABAHR, DATED FEBRUARY 13, 1995, AND RECORDED IN THE SCHENECTADY COUNTY CLERK'S OFFICE ON FEBRUARY 15, 1995 IN LIBER 1449 AT PAGE 184.

OWNER/APPLICANT:
CARL H. ADABAHR
173 MARIAVILLE SCOTCH CHURCH ROAD
PATTERSONVILLE, NY 12137
TAX MAP # 34.08-1-10.1

SEPTIC DISCLOSURE:
ISSUANCE OF A BUILDING PERMIT FOR THE NEW LOT AS SHOWN WILL BE CONTINGENT UPON APPROVAL BY THE BUILDING INSPECTOR OF SANITARY DISPOSAL SYSTEM AND WATER SUPPLY WELLS FOR LOCATION, QUALITY AND QUANTITY OF SUPPLY BASED UPON SOIL SURVEY DATA OBTAINED FROM THE U.S. DEPARTMENT OF AGRICULTURE/SOIL CONSERVATION SERVICE AND SITE SOILS EVALUATION. IT IS EXPECTED THAT SOME, IF NOT ALL LOTS REQUIRE ALTERNATE SEPTIC SYSTEMS AS DESIGNED BY A LICENSED ENGINEER AND REVIEWED AND APPROVED BY THE SCHENECTADY COUNTY DEPARTMENT OF HEALTH. ON LOTS REQUIRING ALTERNATE SEPTIC SYSTEMS, SCHENECTADY COUNTY HEALTH DEPARTMENT APPROVAL SHALL BE OBTAINED PRIOR TO ISSUANCE OF A BUILDING PERMIT BY THE BUILDING INSPECTOR. CONVENTIONAL SYSTEMS WILL BE ALLOWED ONLY WHEN AND WHERE PERCOLATION TEST RESULTS AND SOIL EVALUATION ARE IN CONFORMANCE, IN EVERY RESPECT, WITH THE STANDARDS SET FORTH IN THE CURRENT N.Y.S. DEPARTMENT OF HEALTH PUBLICATION "WASTE TREATMENT STANDARDS - INDIVIDUAL HOUSEHOLD SYSTEMS" AND ARE APPROVED BY THE SCHENECTADY COUNTY DEPARTMENT OF HEALTH. FOR CONVENTIONAL SYSTEMS, THE SCHENECTADY COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH MUST WITNESS THE SOILS INVESTIGATION AND PERC TESTS.

SWPPP:
PROPOSED LIMITS OF CLEARING FOR HOUSE, SEPTIC, DRIVEWAY & WELL AREAS FOR LOT 2 TOTAL LESS THAN 1.0 ACRE AND DOES NOT REQUIRE A STORMWATER CONTROL PLAN. PROJECT DISTURBANCE OF 1.0 ACRE OR MORE REQUIRES STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE WITH NYSDEC REGULATIONS.

AGRICULTURAL DISTRICT DISCLOSURE:
THE SUBDIVISION SITE IS WITHIN A ZONE DESIGNATED AS "AGRICULTURAL AND RESIDENTIAL DISTRICT" BEING ADJACENT TO LANDS IN THE AGRICULTURAL DISTRICT - FARMING ACTIVITIES, BUT NOT LIMITED TO, ACTIVITIES THAT CAUSE NOISE, DUST & ODORS.

ZONING:
HAMLET
LOT SIZE: 43,560 SF MIN.
LOT WIDTH: 100' MIN.
LOT DEPTH: 120' MIN.
LOT COVERAGE: 50% MAX
SETBACKS
FRONT: 40'
SIDE: 15'
REAR: 30'
BUILDING HEIGHT: 3 STORIES (42') MAX.

ZONING:
AGRICULTURAL AND RESIDENTIAL (R2)
LOT SIZE: 100,000 SF MIN.
LOT WIDTH: 200' MIN.
LOT DEPTH: 300' MIN.
LOT COVERAGE: 25% MAX
SETBACKS
FRONT: 80'
SIDE: 40'
REAR: 80'
BUILDING HEIGHT: 2-1/2 STORIES (35') MAX.
BUILDING SIZE: 40,000 SF MAX.

| NO. | REVISION | DATE |
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| | | |

TOWN OF DUANESBURG

**LOT LINE AMENDMENT
BETWEEN LANDS N/F
WALTER B. McKEONE
& CARL H. ADABAHR**

TOWN OF DUANESBURG COUNTY OF SCHENECTADY

STATE OF NEW YORK

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DATE: JANUARY 18, 2022 SCALE: 1" = 50' DWG: 5406A-P SHEET: 1 OF 1